



APPENDIX 8-2

SURVEY EFFORT

Appendix 8-2 – Survey Effort

Proposed Cahermurphy Two Windfarm





DOCUMENT DETAILS

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

Project Title: **Proposed Cahermurphy Two Windfarm**

Project Number: **170238**

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APPENDIX 8-2 (CORE SURVEY EFFORT)

Table 1-1 Core Vantage Point Survey Effort

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
05/04/2017	Breeding	Vantage Point Survey	VP1	03:00 starting at 09:30	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None; Snow: None	Large flock of 50 HG, LB spiraling behind the viewshed flight time 15mins approx.	JK
05/04/2017	Breeding	Vantage Point Survey	VP1	03:00 starting at 13:00	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
06/04/2017	Breeding	Vantage Point Survey	VP3	03:00 starting at 09:30	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None		JK
06/04/2017	Breeding	Vantage Point Survey	VP3	03:00 starting at 13:00	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None		JK
07/04/2017	Breeding	Vantage Point Survey	VP2	03:00 starting at 09:15	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None		JK
07/04/2017	Breeding	Vantage Point Survey	VP2	03:00 starting at 12:45	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
03/05/2017	Breeding	Vantage Point Survey	VP1	03:00 starting at 16:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 1 Rain: None; Frost: None ; Snow: None	Large Flock of WM 100 plus present at Knocka Lough approx. 6km from the site.	JK
03/05/2017	Breeding	Vantage Point Survey	VP1	03:00 starting at 19:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 1 Rain: None; Frost: None ; Snow: None		JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
04/05/2017	Breeding	Vantage Point Survey	VP3	03:00 starting at 15:45	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66=100 Rain: None; Frost: None ; Snow: None		JK
04/05/2017	Breeding	Vantage Point Survey	VP3	03:00 starting at 19:15	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None		JK
05/05/2017	Breeding	Vantage Point Survey	VP2	03:00 starting at 15:45	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None		JK
05/05/2017	Breeding	Vantage Point Survey	VP2	03:00 starting at 19:15	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None		JK
06/06/2017	Breeding	Vantage Point Survey	VP1	03:00 starting at 09:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 60 Rain: Light Showers; Frost: None ; Snow: None		JK
06/06/2017	Breeding	Vantage Point Survey	VP1	03:00 starting at 13:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: Light Showers; Frost: None ; Snow: None		JK
07/06/2017	Breeding	Vantage Point Survey	VP2	03:00 starting at 08:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JK
07/06/2017	Breeding	Vantage Point Survey	VP2	03:00 starting at 11:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	Mixed flock of HG & LB feed on GA1 during survey.	JK
08/06/2017	Breeding	Vantage Point Survey	VP3	03:00 starting at 09:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
08/06/2017	Breeding	Vantage Point Survey	VP3	03:00 starting at 12:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JK
07/07/2017	Breeding	Vantage Point Survey	VP1	03:00 starting at 10:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
07/07/2017	Breeding	Vantage Point Survey	VP1	03:00 starting at 13:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
19/07/2017	Breeding	Vantage Point Survey	VP3	03:00 starting at 13:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
25/07/2017	Breeding	Vantage Point Survey	VP2	03:00 starting at 10:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
25/07/2017	Breeding	Vantage Point Survey	VP2	03:00 starting at 13:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
26/07/2017	Breeding	Vantage Point Survey	VP3	03:00 starting at 10:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
02/08/2017	Breeding	Vantage Point Survey	VP1	01:00 starting at 04:56	Wind Speed and Direction: Gentle Breeze, S; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JH
02/08/2017	Breeding	Vantage Point Survey	VP1	01:00 starting at 05:56	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JH

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
02/08/2017	Breeding	Vantage Point Survey	VP1	01:00 starting at 06:56	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JH
02/08/2017	Breeding	Vantage Point Survey	VP1	01:00 starting at 08:26	Wind Speed and Direction: Gentle Breeze, S; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		JH
02/08/2017	Breeding	Vantage Point Survey	VP1	01:00 starting at 09:26	Wind Speed and Direction: Gentle Breeze, S; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JH
02/08/2017	Breeding	Vantage Point Survey	VP1	01:00 starting at 10:26	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JH
03/08/2017	Breeding	Vantage Point Survey	VP3	01:00 starting at 04:57	Wind Speed and Direction: Gentle Breeze, W; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		JH
03/08/2017	Breeding	Vantage Point Survey	VP3	01:00 starting at 05:57	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JH
03/08/2017	Breeding	Vantage Point Survey	VP3	01:00 starting at 06:57	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JH
03/08/2017	Breeding	Vantage Point Survey	VP3	01:00 starting at 08:27	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JH
03/08/2017	Breeding	Vantage Point Survey	VP3	01:00 starting at 09:27	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JH

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
03/08/2017	Breeding	Vantage Point Survey	VP3	01:00 starting at 10:27	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JH
15/08/2017	Breeding	Vantage Point Survey	VP2	01:00 starting at 05:17	Wind Speed and Direction: Light Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JH
15/08/2017	Breeding	Vantage Point Survey	VP2	01:00 starting at 06:17	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JH
15/08/2017	Breeding	Vantage Point Survey	VP2	01:00 starting at 07:17	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JH
15/08/2017	Breeding	Vantage Point Survey	VP2	01:00 starting at 08:47	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JH
15/08/2017	Breeding	Vantage Point Survey	VP2	01:00 starting at 09:47	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JH
15/08/2017	Breeding	Vantage Point Survey	VP2	01:00 starting at 10:47	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JH
06/09/2017	Non-Breeding	Vantage Point Survey	VP1	03:00 starting at 14:45	Wind Speed and Direction: Light Air, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		PM
06/09/2017	Non-Breeding	Vantage Point Survey	VP1	03:00 starting at 18:15	Wind Speed and Direction: Light Air, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		PM

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
07/09/2017	Non-Breeding	Vantage Point Survey	VP3	01:00 starting at 14:43	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		PM
07/09/2017	Non-Breeding	Vantage Point Survey	VP3	01:00 starting at 15:43	Wind Speed and Direction: Moderate Breeze, W; Visibility: Poor (<km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		PM
07/09/2017	Non-Breeding	Vantage Point Survey	VP3	01:00 starting at 16:43	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		PM
07/09/2017	Non-Breeding	Vantage Point Survey	VP3	03:00 starting at 18:13	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		PM
08/09/2017	Non-Breeding	Vantage Point Survey	VP2	01:00 starting at 14:41	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		PM
08/09/2017	Non-Breeding	Vantage Point Survey	VP2	01:00 starting at 15:41	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		PM
08/09/2017	Non-Breeding	Vantage Point Survey	VP2	01:00 starting at 16:41	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		PM
08/09/2017	Non-Breeding	Vantage Point Survey	VP2	03:00 starting at 18:11	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		PM
02/10/2017	Non-Breeding	Vantage Point Survey	VP1	03:00 starting at 06:15	Wind Speed and Direction: Moderate Gale, w; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66=100 Rain: Light Showers; Frost: None ; Snow: None	no targets	JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
02/10/2017	Non-Breeding	Vantage Point Survey	VP1	03:00 starting at 09:45	Wind Speed and Direction: Moderate Gale, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	no targets	JK
04/10/2017	Non-Breeding	Vantage Point Survey	VP3	03:00 starting at 06:30	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JK
04/10/2017	Non-Breeding	Vantage Point Survey	VP3	03:00 starting at 10:00	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JK
06/10/2017	Non-Breeding	Vantage Point Survey	VP2	03:00 starting at 06:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66=100 Rain: None; Frost: None ; Snow: None	no targets	JK
06/10/2017	Non-Breeding	Vantage Point Survey	VP2	03:00 starting at 10:00	Wind Speed and Direction: Moderate Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	no targets	JK
06/11/2017	Non-Breeding	Vantage Point Survey	VP1	03:00 starting at 11:25	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	No target species recorded	JK
06/11/2017	Non-Breeding	Vantage Point Survey	VP1	03:00 starting at 14:55	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	No target species recorded	JK
07/11/2017	Non-Breeding	Vantage Point Survey	VP2	03:00 starting at 11:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: Light Showers; Frost: None ; Snow: None	No target species recorded	JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
07/11/2017	Non-Breeding	Vantage Point Survey	VP2	03:00 starting at 15:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	No target species recorded	JK
09/11/2017	Non-Breeding	Vantage Point Survey	VP3	03:00 starting at 11:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0.33 Rain: Light Showers; Frost: None ; Snow: None	No target species recorded	JK
09/11/2017	Non-Breeding	Vantage Point Survey	VP3	03:00 starting at 15:00	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	No target species recorded	JK
12/12/2017	Non - Breeding	Vantage Point Survey	VP1	01:00 starting at 08:15	Wind Speed and Direction: Moderate Breeze, S; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
12/12/2017	Non - Breeding	Vantage Point Survey	VP1	01:00 starting at 09:15	Wind Speed and Direction: Moderate Breeze, S; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
12/12/2017	Non - Breeding	Vantage Point Survey	VP1	01:00 starting at 10:15	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
12/12/2017	Non - Breeding	Vantage Point Survey	VP1	01:00 starting at 11:45	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
12/12/2017	Non - Breeding	Vantage Point Survey	VP1	01:00 starting at 12:45	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		TK
12/12/2017	Non - Breeding	Vantage Point Survey	VP1	01:00 starting at 13:45	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
21/12/2017	Non - Breeding	Vantage Point Survey	VP2	01:00 starting at 08:15	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
21/12/2017	Non - Breeding	Vantage Point Survey	VP2	01:00 starting at 09:15	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
21/12/2017	Non - Breeding	Vantage Point Survey	VP2	01:00 starting at 10:15	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
21/12/2017	Non - Breeding	Vantage Point Survey	VP2	01:00 starting at 11:45	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
21/12/2017	Non - Breeding	Vantage Point Survey	VP2	01:00 starting at 12:45	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
21/12/2017	Non - Breeding	Vantage Point Survey	VP2	01:00 starting at 13:45	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
30/12/2017	Non - Breeding	Vantage Point Survey	VP3	01:00 starting at 08:15	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/12/2017	Non - Breeding	Vantage Point Survey	VP3	01:00 starting at 09:15	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/12/2017	Non - Breeding	Vantage Point Survey	VP3	01:00 starting at 10:15	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
30/12/2017	Non - Breeding	Vantage Point Survey	VP3	01:00 starting at 11:45	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/12/2017	Non - Breeding	Vantage Point Survey	VP3	01:00 starting at 12:45	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Male Hen Harrier observed hunting, quartering the ground.	TK
30/12/2017	Non - Breeding	Vantage Point Survey	VP3	01:00 starting at 13:45	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
03/01/2018	Non-Breeding	Vantage Point Survey	VP1	03:00 starting at 11:15	Wind Speed and Direction: Moderate Gale, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	no targets	JK
03/01/2018	Non-Breeding	Vantage Point Survey	VP1	03:00 starting at 14:15	Wind Speed and Direction: Moderate Gale, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	no targets	JK
04/01/2018	Non-Breeding	Vantage Point Survey	VP3	03:00 starting at 11:20	Wind Speed and Direction: Moderate Gale, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Heavy Showers; Frost: None ; Snow: None	no targets	JK
04/01/2018	Non-Breeding	Vantage Point Survey	VP3	03:00 starting at 14:20	Wind Speed and Direction: Moderate Gale, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Heavy Showers; Frost: None ; Snow: None	no targets	JK
05/01/2018	Non-Breeding	Vantage Point Survey	VP2	03:00 starting at 11:15	Wind Speed and Direction: Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: Heavy Showers; Frost: None ; Snow: None	no targets	JK
05/01/2018	Non-Breeding	Vantage Point Survey	VP2	03:00 starting at 14:15	Wind Speed and Direction: Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	no targets	JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
19/02/2018	Non-Breeding	Vantage Point Survey	VP1	03:00 starting at 07:15	Wind Speed and Direction: Fresh Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JK
19/02/2018	Non-Breeding	Vantage Point Survey	VP1	03:00 starting at 10:30	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
21/02/2018	Non-Breeding	Vantage Point Survey	VP3	03:00 starting at 07:05	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JK
21/02/2018	Non-Breeding	Vantage Point Survey	VP3	03:00 starting at 10:30	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JK
09/03/2018	Non-Breeding	Vantage Point Survey	VP2	03:00 starting at 06:30	Wind Speed and Direction: Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK
09/03/2018	Non-Breeding	Vantage Point Survey	VP2	03:00 starting at 10:00	Wind Speed and Direction: Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
12/03/2018	Non-Breeding	Vantage Point Survey	VP1	03:00 starting at 06:30	Wind Speed and Direction: Fresh Breeze, N; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK
12/03/2018	Non-Breeding	Vantage Point Survey	VP1	03:30 starting at 10:00	Wind Speed and Direction: Fresh Breeze, N; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
13/03/2018	Non-Breeding	Vantage Point Survey	VP3	03:00 starting at 13:00	Wind Speed and Direction: Strong Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
13/03/2018	Non-Breeding	Vantage Point Survey	VP3	03:00 starting at 16:30	Wind Speed and Direction: Strong Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
25/03/2018		Vantage Point Survey	VP2	03:00 starting at 13:45	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 10-35 Rain: None; Frost: None ; Snow: None	COVERED FOR FEB	PT
31/03/2018		Vantage Point Survey	VP2	03:00 starting at 14:00	Wind Speed and Direction: Light Breeze, NNW; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 45-95 Rain: None; Frost: None ; Snow: None	COVERED FOR FEB	PT
16/04/2018	Breeding	Vantage Point Survey	VP1	03:00 starting at 05:40	Wind Speed and Direction: Light Breeze, SSE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 75 Rain: None; Frost: None ; Snow: None		CMc
16/04/2018	Breeding	Vantage Point Survey	VP1	03:00 starting at 09:10	Wind Speed and Direction: Moderate Breeze, SSE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None		CMc
17/04/2018	Breeding	Vantage Point Survey	VP3	03:00 starting at 05:30	Wind Speed and Direction: Gentle Breeze, SSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 90 Rain: Light Showers; Frost: None ; Snow: None		CMc
17/04/2018	Breeding	Vantage Point Survey	VP3	03:00 starting at 09:00	Wind Speed and Direction: Gentle Breeze, SSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 90 Rain: None; Frost: None ; Snow: None		CMc
18/04/2018	Breeding	Vantage Point Survey	VP2	03:00 starting at 05:30	Wind Speed and Direction: Light Air, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None		CMc
18/04/2018	Breeding	Vantage Point Survey	VP2	03:00 starting at 09:00	Wind Speed and Direction: Light Breeze, SE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None		CMc

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
29/04/2018	Breeding	Vantage Point Survey	VP4	01:00 starting at 05:50	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
29/04/2018	Breeding	Vantage Point Survey	VP4	01:00 starting at 06:50	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
29/04/2018	Breeding	Vantage Point Survey	VP4	01:00 starting at 07:50	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Male Kestrel observed in flight	TK
12/05/2018	Breeding	Vantage Point Survey	VP2	01:00 starting at 14:25	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
12/05/2018	Breeding	Vantage Point Survey	VP2	01:00 starting at 15:25	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
12/05/2018	Breeding	Vantage Point Survey	VP2	01:00 starting at 16:25	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Male Kestrel observed hunting.	TK
12/05/2018	Breeding	Vantage Point Survey	VP2	01:00 starting at 17:55	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
12/05/2018	Breeding	Vantage Point Survey	VP2	01:00 starting at 18:55	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
12/05/2018	Breeding	Vantage Point Survey	VP2	01:00 starting at 19:55	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
13/05/2018	Breeding	Vantage Point Survey	VP1	01:00 starting at 14:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
13/05/2018	Breeding	Vantage Point Survey	VP1	01:00 starting at 15:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
13/05/2018	Breeding	Vantage Point Survey	VP1	01:00 starting at 16:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
13/05/2018	Breeding	Vantage Point Survey	VP1	01:00 starting at 18:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Female Kestrel observed in flight	TK
13/05/2018	Breeding	Vantage Point Survey	VP1	01:00 starting at 19:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Sparrowhawk observed in flight being mobbed by Swallows.	TK
13/05/2018	Breeding	Vantage Point Survey	VP1	01:00 starting at 20:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
14/05/2018	Breeding	Vantage Point Survey	VP3	01:00 starting at 14:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
14/05/2018	Breeding	Vantage Point Survey	VP3	01:00 starting at 15:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
14/05/2018	Breeding	Vantage Point Survey	VP3	01:00 starting at 16:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
14/05/2018	Breeding	Vantage Point Survey	VP3	01:00 starting at 18:00	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Female Merlin observed hunting.	TK
14/05/2018	Breeding	Vantage Point Survey	VP3	01:00 starting at 19:00	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
14/05/2018	Breeding	Vantage Point Survey	VP3	01:00 starting at 20:00	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
22/05/2018	Breeding	Vantage Point Survey	VP4	03:00 starting at 15:30	Wind Speed and Direction: Fresh Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	Three Hours	JK
24/05/2018	Breeding	Vantage Point Survey	VP4	03:00 starting at 12:50	Wind Speed and Direction: Fresh Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JK
24/05/2018	Breeding	Vantage Point Survey	VP4	03:00 starting at 16:00	Wind Speed and Direction: Fresh Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JK
08/06/2018	Breeding	Vantage Point Survey	VP1	01:00 starting at 13:50	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	Male Kestrel observed hunting	TK
08/06/2018	Breeding	Vantage Point Survey	VP1	01:00 starting at 14:50	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
08/06/2018	Breeding	Vantage Point Survey	VP1	01:00 starting at 15:50	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
08/06/2018	Breeding	Vantage Point Survey	VP1	01:00 starting at 17:20	Wind Speed and Direction: Fresh Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	Male Kestrel observed hunting	TK
08/06/2018	Breeding	Vantage Point Survey	VP1	01:00 starting at 18:20	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
08/06/2018	Breeding	Vantage Point Survey	VP1	01:00 starting at 19:20	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
14/06/2018	Breeding	Vantage Point Survey	VP4	03:00 starting at 12:45	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	no targets	JK
14/06/2018	Breeding	Vantage Point Survey	VP4	03:00 starting at 16:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	no targets	JK
26/06/2018	Breeding	Vantage Point Survey	VP2	01:00 starting at 07:00	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
26/06/2018	Breeding	Vantage Point Survey	VP2	01:00 starting at 08:00	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
26/06/2018	Breeding	Vantage Point Survey	VP2	01:00 starting at 09:00	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
26/06/2018	Breeding	Vantage Point Survey	VP2	01:00 starting at 10:30	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	Female Sparrowhawk observed soaring over site.	TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
26/06/2018	Breeding	Vantage Point Survey	VP2	01:00 starting at 11:30	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
26/06/2018	Breeding	Vantage Point Survey	VP2	01:00 starting at 12:30	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
30/06/2018	Breeding	Vantage Point Survey	VP3	01:00 starting at 13:35	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
30/06/2018	Breeding	Vantage Point Survey	VP3	01:00 starting at 14:35	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
30/06/2018	Breeding	Vantage Point Survey	VP3	01:00 starting at 15:35	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	Female Kestrel observed hunting	TK
30/06/2018	Breeding	Vantage Point Survey	VP3	01:00 starting at 17:05	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
30/06/2018	Breeding	Vantage Point Survey	VP3	01:00 starting at 18:05	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
30/06/2018	Breeding	Vantage Point Survey	VP3	01:00 starting at 19:05	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
05/07/2018	Breeding	Vantage Point Survey	VP4	03:00 starting at 12:30	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Turf Cutting on site; no regard for nesting birds. MP in particular.	JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
05/07/2018	Breeding	Vantage Point Survey	VP4	03:00 starting at 16:00	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK
25/07/2018	Breeding	Vantage Point Survey	VP3	01:00 starting at 06:00	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
25/07/2018	Breeding	Vantage Point Survey	VP3	01:00 starting at 07:00	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
25/07/2018	Breeding	Vantage Point Survey	VP3	01:00 starting at 08:00	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	Female Kestrel observed hunting.	TK
25/07/2018	Breeding	Vantage Point Survey	VP3	01:00 starting at 15:00	Wind Speed and Direction: Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
25/07/2018	Breeding	Vantage Point Survey	VP3	01:00 starting at 16:00	Wind Speed and Direction: Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
25/07/2018	Breeding	Vantage Point Survey	VP3	01:00 starting at 17:00	Wind Speed and Direction: Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
26/07/2018	Breeding	Vantage Point Survey	VP1	01:00 starting at 07:15	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
26/07/2018	Breeding	Vantage Point Survey	VP1	01:00 starting at 08:15	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
26/07/2018	Breeding	Vantage Point Survey	VP1	01:00 starting at 09:15	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
26/07/2018	Breeding	Vantage Point Survey	VP1	01:00 starting at 10:50	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Male Kestrel observed hunting.	TK
26/07/2018	Breeding	Vantage Point Survey	VP1	01:00 starting at 11:50	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
26/07/2018	Breeding	Vantage Point Survey	VP1	01:00 starting at 12:50	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Heavy Showers; Frost: None ; Snow: None		TK
31/07/2018	Breeding	Vantage Point Survey	VP2	01:00 starting at 10:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
31/07/2018	Breeding	Vantage Point Survey	VP2	01:00 starting at 11:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
31/07/2018	Breeding	Vantage Point Survey	VP2	01:00 starting at 12:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
31/07/2018	Breeding	Vantage Point Survey	VP2	01:00 starting at 13:40	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Sparrowhawk seen in flight	TK
31/07/2018	Breeding	Vantage Point Survey	VP2	01:00 starting at 14:40	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
31/07/2018	Breeding	Vantage Point Survey	VP2	01:00 starting at 15:40	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Female Hen Harrier seen in flight	TK
08/08/2018	Breeding	Vantage Point Survey	VP3	03:00 starting at 09:15	Wind Speed and Direction: Light Breeze, WNW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 60 Rain: Light Showers; Frost: None ; Snow: None		CMc
08/08/2018	Breeding	Vantage Point Survey	VP3	03:00 starting at 12:45	Wind Speed and Direction: Light Breeze, WNW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None		CMc
09/08/2018	Breeding	Vantage Point Survey	VP1	03:00 starting at 09:15	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 40 Rain: Light Showers; Frost: None ; Snow: None		CMc
09/08/2018	Breeding	Vantage Point Survey	VP1	03:00 starting at 12:45	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 70 Rain: Light Showers; Frost: None ; Snow: None		CMc
15/08/2018	Breeding	Vantage Point Survey	VP4	03:00 starting at 10:30	Wind Speed and Direction: Gentle Breeze, WSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	no targets	CMc
15/08/2018	Breeding	Vantage Point Survey	VP4	03:00 starting at 14:00	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: None; Frost: None ; Snow: None	no targets	CMc
29/08/2018	Breeding	Vantage Point Survey	VP2	03:00 starting at 10:30	Wind Speed and Direction: Light Breeze, WNW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 60 Rain: Light Showers; Frost: None ; Snow: None		CMc
29/08/2018	Breeding	Vantage Point Survey	VP2	03:00 starting at 14:00	Wind Speed and Direction: Gentle Breeze, WNW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: None; Frost: None ; Snow: None		CMc

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
13/09/2018	Non-Breeding	Vantage Point Survey	VP3	03:00 starting at 07:10	Wind Speed and Direction: Light Air, WSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 90 Rain: None; Frost: None ; Snow: None	No Targets	CMc
13/09/2018	Non-Breeding	Vantage Point Survey	VP3	03:00 starting at 10:40	Wind Speed and Direction: Light Air, WSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 90 Rain: None; Frost: None ; Snow: None	No Targets	CMc
20/09/2018	Non-breeding	Vantage Point Survey	VP4	03:00 starting at 06:15	Wind Speed and Direction: Calm, SSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	No Targets	CMc
20/09/2018	Non-breeding	Vantage Point Survey	VP4	03:00 starting at 09:45	Wind Speed and Direction: Calm, SSE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Rain; Frost: None ; Snow: None	No Targets - Rain was persistent but light enough to not reduce visibility too much	CMc
21/09/2018	Non-Breeding	Vantage Point Survey	VP1	03:00 starting at 06:20	Wind Speed and Direction: Fresh Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 90 Rain: Heavy Showers; Frost: None ; Snow: None		CMc
21/09/2018	Non-Breeding	Vantage Point Survey	VP1	03:00 starting at 09:50	Wind Speed and Direction: Light Breeze, WNW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 60 Rain: Light Showers; Frost: None ; Snow: None		CMc
24/09/2018	Non-Breeding	Vantage Point Survey	VP2	03:00 starting at 06:25	Wind Speed and Direction: Calm, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None		CMc
24/09/2018	Non-Breeding	Vantage Point Survey	VP2	03:00 starting at 09:55	Wind Speed and Direction: Calm, SSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None		CMc
03/10/2018	Non-Breeding	Vantage Point Survey	VP1	03:00 starting at 06:40	Wind Speed and Direction: Calm, WSW; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None		CMc

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
03/10/2018	Non-Breeding	Vantage Point Survey	VP1	03:00 starting at 10:10	Wind Speed and Direction: Light Air, WSW; Visibility: Moderate (1-2km); Cloud Height: <150m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None		CMc
04/10/2018	Non-Breeding	Vantage Point Survey	VP3	03:00 starting at 06:45	Wind Speed and Direction: Calm, SSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None		CMc
04/10/2018	Non-Breeding	Vantage Point Survey	VP3	03:00 starting at 10:15	Wind Speed and Direction: Light Air, SW; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None		CMc
04/10/2018	Non-Breeding	Vantage Point Survey	VP4	06:00 starting at 13:45	Wind Speed and Direction: Fresh Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JK
11/10/2018	Non-Breeding	Vantage Point Survey	VP2	03:00 starting at 06:55	Wind Speed and Direction: Calm, SSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Light showers in the final hour	CMc
11/10/2018	Non-Breeding	Vantage Point Survey	VP2	03:00 starting at 10:25	Wind Speed and Direction: Calm, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Light showers in the first hour	CMc
01/11/2018	Non-Breeding	Vantage Point Survey	VP4	06:30 starting at 06:45	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	no targets	JK
03/11/2018	Non-Breeding	Vantage Point Survey	VP1	01:00 starting at 06:40	Wind Speed and Direction: SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	No Target species seen	TK
03/11/2018	Non-Breeding	Vantage Point Survey	VP1	01:00 starting at 07:40	Wind Speed and Direction: SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	No Target species seen	TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
03/11/2018	Non-Breeding	Vantage Point Survey	VP1	01:00 starting at 08:40	Wind Speed and Direction: SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	No Target species seen	TK
03/11/2018	Non-Breeding	Vantage Point Survey	VP1	01:00 starting at 10:10	Wind Speed and Direction: SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	No Target species seen	TK
03/11/2018	Non-Breeding	Vantage Point Survey	VP1	01:00 starting at 11:10	Wind Speed and Direction: SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	No Target species seen	TK
03/11/2018	Non-Breeding	Vantage Point Survey	VP1	01:00 starting at 12:10	Wind Speed and Direction: SSE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	No Target species seen	TK
14/11/2018	Non-Breeding	Vantage Point Survey	VP3	01:00 starting at 07:00	Wind Speed and Direction: S; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	No Target species seen	TK
14/11/2018	Non-Breeding	Vantage Point Survey	VP3	01:00 starting at 08:00	Wind Speed and Direction: S; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	No Target species seen	TK
14/11/2018	Non-Breeding	Vantage Point Survey	VP3	01:00 starting at 09:00	Wind Speed and Direction: S; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	No Target species seen	TK
14/11/2018	Non-Breeding	Vantage Point Survey	VP3	01:00 starting at 10:30	Wind Speed and Direction: S; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	No Target species seen	TK
14/11/2018	Non-Breeding	Vantage Point Survey	VP3	01:00 starting at 11:30	Wind Speed and Direction: S; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	No Target species seen	TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
14/11/2018	Non-Breeding	Vantage Point Survey	VP3	01:00 starting at 12:30	Wind Speed and Direction: S; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	No Target species seen	TK
20/11/2018	Non-Breeding	Vantage Point Survey	VP2	01:00 starting at 07:05	Wind Speed and Direction: NE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
20/11/2018	Non-Breeding	Vantage Point Survey	VP2	01:00 starting at 08:05	Wind Speed and Direction: NE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
20/11/2018	Non-Breeding	Vantage Point Survey	VP2	01:00 starting at 09:05	Wind Speed and Direction: NE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
20/11/2018	Non-Breeding	Vantage Point Survey	VP2	01:00 starting at 10:35	Wind Speed and Direction: NE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
20/11/2018	Non-Breeding	Vantage Point Survey	VP2	01:00 starting at 11:35	Wind Speed and Direction: NE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
20/11/2018	Non-Breeding	Vantage Point Survey	VP2	01:00 starting at 12:35	Wind Speed and Direction: NE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	Sparrowhawk seen in flight	TK
03/12/2018	Non-Breeding	Vantage Point Survey	VP1	01:00 starting at 07:30	Wind Speed and Direction: NW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
03/12/2018	Non-Breeding	Vantage Point Survey	VP1	01:00 starting at 08:30	Wind Speed and Direction: NW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
03/12/2018	Non-Breeding	Vantage Point Survey	VP1	01:00 starting at 09:30	Wind Speed and Direction: NW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
03/12/2018	Non-Breeding	Vantage Point Survey	VP1	01:00 starting at 11:00	Wind Speed and Direction: NW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
03/12/2018	Non-Breeding	Vantage Point Survey	VP1	01:00 starting at 12:00	Wind Speed and Direction: NW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	Flock of 25 Golden Plover seen.	TK
03/12/2018	Non-Breeding	Vantage Point Survey	VP1	01:00 starting at 13:00	Wind Speed and Direction: NW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	Female Kestrel seen hunting	TK
06/12/2018	Winter	Vantage Point Survey	VP4	07:00 starting at 07:45	Wind Speed and Direction: WSW; Visibility: ; Cloud Height: ; Cloud Cover %: 100 Rain: ; Frost: ; Snow:	A lot of rain throughout the day. Bad visibility around 10am until 11am.	AM
12/12/2018	Non-Breeding	Vantage Point Survey	VP3	01:00 starting at 07:40	Wind Speed and Direction: E; Visibility: ; Cloud Height: ; Cloud Cover %: 33-66 Rain: ; Frost: ; Snow:		TK
12/12/2018	Non-Breeding	Vantage Point Survey	VP3	01:00 starting at 08:40	Wind Speed and Direction: E; Visibility: ; Cloud Height: ; Cloud Cover %: 33-66 Rain: ; Frost: ; Snow:		TK
12/12/2018	Non-Breeding	Vantage Point Survey	VP3	01:00 starting at 09:40	Wind Speed and Direction: E; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
12/12/2018	Non-Breeding	Vantage Point Survey	VP3	01:00 starting at 11:10	Wind Speed and Direction: E; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
12/12/2018	Non-Breeding	Vantage Point Survey	VP3	01:00 starting at 12:10	Wind Speed and Direction: E; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
12/12/2018	Non-Breeding	Vantage Point Survey	VP3	01:00 starting at 13:10	Wind Speed and Direction: SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	Female Kestrel seen hunting.	TK
18/12/2018	Non-Breeding	Vantage Point Survey	VP2	01:00 starting at 07:45	Wind Speed and Direction: SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
18/12/2018	Non-Breeding	Vantage Point Survey	VP2	01:00 starting at 08:45	Wind Speed and Direction: SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
18/12/2018	Non-Breeding	Vantage Point Survey	VP2	01:00 starting at 09:45	Wind Speed and Direction: SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
18/12/2018	Non-Breeding	Vantage Point Survey	VP2	01:00 starting at 11:15	Wind Speed and Direction: SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
18/12/2018	Non-Breeding	Vantage Point Survey	VP2	01:00 starting at 12:15	Wind Speed and Direction: SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
18/12/2018	Non-Breeding	Vantage Point Survey	VP2	01:00 starting at 13:15	Wind Speed and Direction: SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
03/01/2019	Non-Breeding	Vantage Point Survey	VP4	06:30 starting at 11:00	Wind Speed and Direction: Strong Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
06/01/2019	Non-Breeding	Vantage Point Survey	VP1	01:00 starting at 10:40	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None		TK
06/01/2019	Non-Breeding	Vantage Point Survey	VP1	01:00 starting at 11:40	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None		TK
06/01/2019	Non-Breeding	Vantage Point Survey	VP1	01:00 starting at 12:40	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
06/01/2019	Non-Breeding	Vantage Point Survey	VP1	01:00 starting at 14:20	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Male Kestrel seen hunting.	TK
06/01/2019	Non-Breeding	Vantage Point Survey	VP1	01:00 starting at 15:20	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
06/01/2019	Non-Breeding	Vantage Point Survey	VP1	01:00 starting at 16:20	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/01/2019	Non-Breeding	Vantage Point Survey	VP2	01:00 starting at 11:20	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
30/01/2019	Non-Breeding	Vantage Point Survey	VP2	01:00 starting at 12:20	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
30/01/2019	Non-Breeding	Vantage Point Survey	VP2	01:00 starting at 13:20	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
30/01/2019	Non-Breeding	Vantage Point Survey	VP2	01:00 starting at 14:55	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Peregrine Falcon seen in flight.	TK
30/01/2019	Non-Breeding	Vantage Point Survey	VP2	01:00 starting at 15:55	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
30/01/2019	Non-Breeding	Vantage Point Survey	VP2	01:00 starting at 16:55	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
31/01/2019	Non-Breeding	Vantage Point Survey	VP3	01:00 starting at 11:05	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
31/01/2019	Non-Breeding	Vantage Point Survey	VP3	01:00 starting at 12:05	Wind Speed and Direction: Moderate Breeze, E; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		TK
31/01/2019	Non-Breeding	Vantage Point Survey	VP3	01:00 starting at 13:05	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
31/01/2019	Non-Breeding	Vantage Point Survey	VP3	01:00 starting at 14:55	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
31/01/2019	Non-Breeding	Vantage Point Survey	VP3	01:00 starting at 15:55	Wind Speed and Direction: Moderate Breeze, E; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		TK
31/01/2019	Non-Breeding	Vantage Point Survey	VP3	01:00 starting at 16:55	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Female Kestrel observed hunting. Grey Heron seen in flight.	TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
06/02/2019	Non-Breeding	Vantage Point Survey	VP1	03:00 starting at 11:30	Wind Speed and Direction: Moderate Gale, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		JoeK
06/02/2019	Non-Breeding	Vantage Point Survey	VP1	03:00 starting at 15:00	Wind Speed and Direction: Moderate Gale, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		JoeK
22/02/2019	Non-breeding	Vantage Point Survey	VP4	06:30 starting at 12:30	Wind Speed and Direction: Moderate Gale, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	no targets.	JoeK
25/02/2019	Non-Breeding	Vantage Point Survey	VP2	03:00 starting at 12:30	Wind Speed and Direction: Strong Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JoeK
25/02/2019	Non-Breeding	Vantage Point Survey	VP2	03:00 starting at 16:00	Wind Speed and Direction: Strong Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JoeK
27/02/2019	Non-Breeding	Vantage Point Survey	VP3	03:00 starting at 12:30	Wind Speed and Direction: Strong Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JoeK
27/02/2019	Non-Breeding	Vantage Point Survey	VP3	03:00 starting at 16:00	Wind Speed and Direction: Strong Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JoeK
06/03/2019	Non-Breeding	Vantage Point Survey	VP4	01:00 starting at 06:55	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
06/03/2019	Non-Breeding	Vantage Point Survey	VP4	01:00 starting at 07:55	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
06/03/2019	Non-Breeding	Vantage Point Survey	VP4	01:00 starting at 08:55	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
06/03/2019	Non-Breeding	Vantage Point Survey	VP4	01:00 starting at 10:30	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
06/03/2019	Non-Breeding	Vantage Point Survey	VP4	01:00 starting at 11:30	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
06/03/2019	Non-Breeding	Vantage Point Survey	VP4	01:00 starting at 12:30	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: ; Cloud Cover %: Rain: None; Frost: None ; Snow: None	Sparrowhawk seen in flight	TK
07/03/2019	Non-Breeding	Vantage Point Survey	VP2	06:30 starting at 06:15	Wind Speed and Direction: Strong Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Heavy Showers; Frost: None ; Snow: None		JK
15/03/2019	Non-Breeding	Vantage Point Survey	VP1	06:30 starting at 06:00	Wind Speed and Direction: Strong Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		JK
19/03/2019	Non-Breeding	Vantage Point Survey	VP3	06:30 starting at 06:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JK
11/04/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 14:30	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
11/04/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 15:30	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
11/04/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 16:30	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
11/04/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 18:00	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
11/04/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 19:00	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
11/04/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 20:00	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
13/04/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 14:30	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
13/04/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 15:30	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
13/04/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 16:30	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
13/04/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 18:00	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
13/04/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 19:00	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
13/04/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 20:00	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		TK
22/04/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 14:45	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
22/04/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 15:45	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
22/04/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 16:45	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
22/04/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 18:15	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
22/04/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 19:15	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
22/04/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 20:15	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
29/04/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 14:50	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
29/04/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 15:50	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
29/04/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 16:50	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
29/04/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 18:20	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
29/04/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 19:20	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
29/04/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 20:20	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
15/05/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 05:00	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Snipe heard chipping, 1 individual.	TK
15/05/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 06:00	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Male Hen Harrier seen in flight	TK
15/05/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 07:00	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Grey Heron seen in flight.	TK
15/05/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 08:30	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Herring Gull seen in flight	TK
15/05/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 09:30	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
15/05/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 10:30	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
16/05/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 04:55	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
16/05/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 05:55	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
16/05/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 06:55	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	Male Kestrel observed in flight.Herring Gull observed in flight.	TK
16/05/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 08:25	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
16/05/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 09:25	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
16/05/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 10:25	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Male Hen Harrier observed hunting	TK
17/05/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 04:55	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
17/05/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 05:55	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
17/05/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 06:55	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
17/05/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 08:25	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
17/05/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 09:25	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Male Kestrel observed in flight.	TK
17/05/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 10:25	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
19/05/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 04:55	Wind Speed and Direction: NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
19/05/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 05:55	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
19/05/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 06:55	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
19/05/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 08:25	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
19/05/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 09:25	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
19/05/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 10:25	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Buzzard seen in flight	TK
05/06/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 13:30	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
05/06/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 14:30	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Male Kestrel seen in flight, prey in talons. Probable nest site marked on map, Kestrels flying in and out of this area.	TK
05/06/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 15:30	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Kestrel seen in flight	TK
05/06/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 17:25	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Kestrel seen in flight	TK
05/06/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 18:25	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
05/06/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 19:25	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
12/06/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 13:15	Wind Speed and Direction: Moderate Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Buzzard seen in flight	TK
12/06/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 14:15	Wind Speed and Direction: Moderate Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Buzzard pair seen soaring.	TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
12/06/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 15:15	Wind Speed and Direction: Moderate Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
12/06/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 17:10	Wind Speed and Direction: Moderate Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Buzzard seen in flight	TK
12/06/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 18:10	Wind Speed and Direction: Fresh Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Male Hen Harrier hunting.	TK
12/06/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 19:10	Wind Speed and Direction: Fresh Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
17/06/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 13:15	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Male Kestrel seen hunting	TK
17/06/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 14:15	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
17/06/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 15:15	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Male Kestrel seen in flight.	TK
17/06/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 17:20	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
17/06/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 18:20	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
17/06/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 19:20	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
28/06/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 14:00	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
28/06/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 15:00	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
28/06/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 16:00	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
28/06/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 17:30	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
28/06/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 18:30	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
28/06/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 19:30	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
01/07/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 09:10	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Male Sparrowhawk seen in flight chasing Blackbird.	TK
01/07/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 10:10	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
01/07/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 11:10	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Kestrel seen hunting	TK
01/07/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 12:40	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Kestrel seen hunting	TK
01/07/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 13:40	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
01/07/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 14:40	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
02/07/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 09:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
02/07/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 10:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
02/07/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 11:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Male Hen Harrier seen hunting.	TK
02/07/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 13:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
02/07/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 14:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Kestrel seen hunting.	TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
02/07/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 15:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
14/07/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 09:15	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
14/07/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 10:15	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
14/07/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 11:15	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
14/07/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 12:45	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: ; Frost: None ; Snow: None	Buzzard seen soaring	TK
14/07/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 13:45	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	Male Kestrel hunting.	TK
14/07/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 14:45	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	Buzzard seen soaring	TK
17/07/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 08:20	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	Nil sightings	TK
17/07/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 09:20	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	Nil sightings	TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
17/07/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 10:20	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Nil sightings	TK
17/07/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 11:50	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	Nil sightings	TK
17/07/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 12:50	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	Nil sightings	TK
17/07/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 13:50	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Nil sightings	TK
02/08/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 15:00	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Male Kestrel seen hunting	TK
02/08/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 16:00	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
02/08/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 17:00	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Male Kestrel seen hunting	TK
02/08/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 18:40	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
02/08/2019	Breeding	Vantage Point Survey	VP1	01:00 starting at 19:40	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
02/08/2019	Breeding	Vantage Point Survey	VP1	01:15 starting at 20:40	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Female Kestrel seen hunting	TK
05/08/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 15:10	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Female Kestrel seen hunting	TK
05/08/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 16:10	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Buzzard seen in flight	TK
05/08/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 17:10	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
05/08/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 18:50	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
05/08/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 19:50	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		TK
05/08/2019	Breeding	Vantage Point Survey	VP4	01:00 starting at 20:50	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		TK
26/08/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 14:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No Target species seen	TK
26/08/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 15:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No Target species seen	TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
26/08/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 16:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No Target species seen	TK
26/08/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 18:10	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No Target species seen	TK
26/08/2019	Breeding	Vantage Point Survey	VP3	01:00 starting at 19:10	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No Target species seen	TK
26/08/2019	Breeding	Vantage Point Survey	VP3	01:05 starting at 20:10	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No Target species seen	TK
28/08/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 14:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None		TK
28/08/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 15:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
28/08/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 16:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
28/08/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 18:10	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
28/08/2019	Breeding	Vantage Point Survey	VP2	01:00 starting at 19:10	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Male Kestrel seen hunting	TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
28/08/2019	Breeding	Vantage Point Survey	VP2	01:05 starting at 20:10	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
03/09/2019	Breeding	Vantage Point Survey	VP1	06:30 starting at 05:45	Wind Speed and Direction: Strong Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		JK
04/09/2019	Breeding	Vantage Point Survey	VP4	06:30 starting at 05:45	Wind Speed and Direction: Strong Breeze, NW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: None ; Snow: None		JK
05/09/2019	Breeding	Vantage Point Survey	VP2	06:30 starting at 05:50	Wind Speed and Direction: Strong Breeze, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 33-66 Rain: ; Frost: None ; Snow: None		JK
06/09/2019	Breeding	Vantage Point Survey	VP3	06:30 starting at 05:50	Wind Speed and Direction: Strong Breeze, NW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: None ; Snow: None		JK

Table 1-2 Breeding Bird (Adapted Brown & Shephard) Survey Effort

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
10/04/2017	Breeding	Brown & Shepard		06:30 starting at 09:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 40 Rain: None; Frost: None ; Snow: None		JK
11/04/2017	Breeding	Brown & Shepard		06:00 starting at 09:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None		JK
16/05/2017	Breeding	Brown & Shepard		07:00 starting at 08:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JK
17/05/2017	Breeding	Brown & Shepard		07:00 starting at 08:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
13/06/2017	Breeding	Brown & Shepard		06:30 starting at 09:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
19/06/2017	Breeding	Brown & Shepard		06:30 starting at 09:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
13/07/2017	Breeding	Brown & Shepard		01:00 starting at 09:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JH

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
13/07/2017	Breeding	Brown & Shepard		01:00 starting at 10:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JH
13/07/2017	Breeding	Brown & Shepard		01:00 starting at 11:10	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JH
13/07/2017	Breeding	Brown & Shepard		01:00 starting at 12:10	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JH
13/07/2017	Breeding	Brown & Shepard		01:00 starting at 13:10	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JH
13/07/2017	Breeding	Brown & Shepard		01:00 starting at 14:10	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JH
14/07/2017	Breeding	Brown & Shepard		01:00 starting at 08:45	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JH
14/07/2017	Breeding	Brown & Shepard		01:00 starting at 09:45	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JH

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
14/07/2017	Breeding	Brown & Shepard		01:00 starting at 10:45	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JH
14/07/2017	Breeding	Brown & Shepard		01:00 starting at 11:45	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JH
14/07/2017	Breeding	Brown & Shepard		01:00 starting at 12:45	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JH
14/07/2017	Breeding	Brown & Shepard		01:00 starting at 13:45	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JH
08/04/2018	Breeding	Brown & Shepard	Quadrat 1	00:45 starting at 08:30	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
08/04/2018	Breeding	Brown & Shepard	Quadrat 2	00:35 starting at 09:15	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
08/04/2018	Breeding	Brown & Shepard	Quadrat 3	00:40 starting at 09:50	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
08/04/2018	Breeding	Brown & Shepard	Quadrat 4	00:45 starting at 10:30	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
08/04/2018	Breeding	Brown & Shepard	Quadrat 5	00:40 starting at 12:00	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
08/04/2018	Breeding	Brown & Shepard	Quadrat 6	00:30 starting at 13:00	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
09/04/2018	Breeding	Brown & Shepard	Quadrat 1	00:40 starting at 08:45	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
09/04/2018	Breeding	Brown & Shepard	Quadrat 2	00:40 starting at 09:45	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
09/04/2018	Breeding	Brown & Shepard	Quadrat 3	00:45 starting at 10:45	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
22/04/2018	Breeding	Brown & Shepard	Quadrat 1	01:00 starting at 09:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
22/04/2018	Breeding	Brown & Shepard	CBC IN FORESTED AREAS	01:00 starting at 10:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None		TK
22/04/2018	Breeding	Brown & Shepard	CBC IN FORESTED AREAS	00:45 starting at 11:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
22/04/2018	Breeding	Brown & Shepard	Quadrat 2	00:45 starting at 12:15	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
22/04/2018	Breeding	Brown & Shepard	Quadrat 3	00:30 starting at 13:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
22/04/2018	Breeding	Brown & Shepard	Quadrat 4	00:35 starting at 13:40	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None		TK
22/04/2018	Breeding	Brown & Shepard	Quadrat 5	00:20 starting at 14:25	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
06/05/2018	Breeding	Brown & Shepard	Quadrat 1	01:00 starting at 09:00	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: <150m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
06/05/2018	Breeding	Brown & Shepard	Quadrat 2	01:00 starting at 10:00	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: <150m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
06/05/2018	Breeding	Brown & Shepard	Quadrat 3	01:00 starting at 11:00	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: <150m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
06/05/2018	Breeding	Brown & Shepard	Quadrat 4	01:00 starting at 12:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: <150m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
06/05/2018	Breeding	Brown & Shepard	Quadrat 5	01:00 starting at 13:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: <150m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
20/05/2018	Breeding	Brown & Shepard	Quadrat 1	01:00 starting at 10:00	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
20/05/2018	Breeding	Brown & Shepard	Quadrat 2	01:00 starting at 11:00	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
20/05/2018	Breeding	Brown & Shepard	Quadrat 3	01:00 starting at 12:30	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Heavy Showers; Frost: None ; Snow: None		TK
20/05/2018	Breeding	Brown & Shepard	Quadrat 4	00:45 starting at 14:00	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Heavy Showers; Frost: None ; Snow: None		TK
30/05/2018	Breeding	Brown & Shepard	Quadrat 1	01:00 starting at 08:30	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/05/2018	Breeding	Brown & Shepard	CBC IN FORESTED AREAS	01:00 starting at 09:30	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/05/2018	Breeding	Brown & Shepard	CBC IN FORESTED AREAS	01:00 starting at 10:30	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/05/2018	Breeding	Brown & Shepard	Quadrat 2	00:45 starting at 12:15	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/05/2018	Breeding	Brown & Shepard	Quadrat 3	00:40 starting at 13:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/05/2018	Breeding	Brown & Shepard	Quadrat 4	00:35 starting at 13:40	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
30/05/2018	Breeding	Brown & Shepard	Quadrat 5	00:30 starting at 14:25	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
04/06/2018	Breeding	Brown & Shepard	Quadrat 1	00:35 starting at 08:35	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
04/06/2018	Breeding	Brown & Shepard	Quadrat 2	00:45 starting at 09:15	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
04/06/2018	Breeding	Brown & Shepard	Quadrat 3	00:30 starting at 10:25	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
04/06/2018	Breeding	Brown & Shepard	Quadrat 4	00:40 starting at 11:30	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
04/06/2018	Breeding	Brown & Shepard	Quadrat 5	01:25 starting at 12:15	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
05/06/2018	Breeding	Brown & Shepard	Quadrat 1	00:45 starting at 08:30	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
05/06/2018	Breeding	Brown & Shepard	Quadrat 2	00:40 starting at 09:20	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
05/06/2018	Breeding	Brown & Shepard	Quadrat 3	01:25 starting at 10:05	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
05/06/2018	Breeding	Brown & Shepard	Quadrat 4	01:15 starting at 12:15	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
19/06/2018	Breeding	Brown & Shepard		06:00 starting at 12:30	Wind Speed and Direction: Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	No target species recorded	JK
03/07/2018	Breeding	Brown & Shepard		06:30 starting at 12:30	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JK
08/07/2018	Breeding	Brown & Shepard	Quadrat 1	00:10 starting at 08:30	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
08/07/2018	Breeding	Brown & Shepard	Quadrat 2	01:05 starting at 08:45	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
08/07/2018	Breeding	Brown & Shepard	Quadrat 3	00:30 starting at 10:10	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
08/07/2018	Breeding	Brown & Shepard	Quadrat 4	00:30 starting at 11:15	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
08/07/2018	Breeding	Brown & Shepard	Quadrat 5	00:40 starting at 11:50	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
08/07/2018	Breeding	Brown & Shepard	cbc - forestry	01:05 starting at 12:45	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
15/07/2018	Breeding	Brown & Shepard	Quadrat 1	00:40 starting at 08:45	Wind Speed and Direction: Moderate Breeze, SSE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
15/07/2018	Breeding	Brown & Shepard	Quadrat 2	00:40 starting at 09:35	Wind Speed and Direction: Moderate Breeze, SSE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
15/07/2018	Breeding	Brown & Shepard	Quadrat 3	01:35 starting at 10:20	Wind Speed and Direction: Fresh Breeze, SSE; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
15/07/2018	Breeding	Brown & Shepard	Quadrat 4	00:45 starting at 12:25	Wind Speed and Direction: Fresh Breeze, SSE; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
01/04/2019	Breeding	Brown & Shepard		06:30 starting at 10:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK
18/04/2019	Breeding	Brown & Shepard		06:15 starting at 10:15	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JK
13/05/2019	Breeding	Brown & Shepard	Transect 1	00:55 starting at 10:35	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
13/05/2019	Breeding	Brown & Shepard	Transect 2, 3, 4	01:05 starting at 11:50	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	Snipe flushed from ground.	TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
13/05/2019	Breeding	Brown & Shepard	Transect 5, 6, 7	01:10 starting at 13:45	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
29/05/2019	Breeding	Brown & Shepard	Transect 8,9	01:00 starting at 16:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		tk
29/05/2019	Breeding	Brown & Shepard	Transect 10,11	00:50 starting at 17:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		tk
29/05/2019	Breeding	Brown & Shepard	Transect 12,13	00:50 starting at 18:25	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		tk
08/06/2019	Breeding	Brown & Shepard	Transect 1	00:55 starting at 10:00	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
08/06/2019	Breeding	Brown & Shepard	Transect 2, 3, 4	01:10 starting at 11:15	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
08/06/2019	Breeding	Brown & Shepard	Transect 5, 6, 7	01:05 starting at 13:25	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/06/2019	Breeding	Brown & Shepard	Transect 8,9	01:00 starting at 10:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
30/06/2019	Breeding	Brown & Shepard	Transect 10,11	00:50 starting at 11:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
30/06/2019	Breeding	Brown & Shepard	Transect 12,13	00:55 starting at 12:40	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
04/07/2019	Breeding	Brown & Shepard	Transect 1	00:50 starting at 09:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
04/07/2019	Breeding	Brown & Shepard	Transect 2, 3, 4	01:05 starting at 10:40	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
04/07/2019	Breeding	Brown & Shepard	Transect 5, 6, 7	01:10 starting at 12:40	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
29/07/2019	Breeding	Brown & Shepard	Transect 8,9	00:55 starting at 08:00	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
29/07/2019	Breeding	Brown & Shepard	Transect 10,11	00:50 starting at 08:55	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
29/07/2019	Breeding	Brown & Shepard	Transect 12,13	01:00 starting at 10:10	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Table 1-3 Breeding Raptor Survey Effort

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
12/04/2017	Breeding	Breeding Raptor Survey		06:30 starting at 08:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JK
13/04/2017	Breeding	Breeding Raptor Survey		06:30 starting at 08:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None	Female SH on east side of buffer	JK
18/04/2017	Breeding	Breeding Raptor Survey		06:30 starting at 08:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 40 Rain: None; Frost: None ; Snow: None	Female SH on west side	JK
19/04/2017	Breeding	Breeding Raptor Survey		06:30 starting at 08:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	first CK calling on site	JK
20/04/2017	Breeding	Breeding Raptor Survey		06:30 starting at 08:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 15 Rain: None; Frost: None ; Snow: None	Female K.	JK
21/04/2017	Breeding	Breeding Raptor Survey		06:30 starting at 08:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None		JK
08/05/2017	Breeding	Breeding Raptor Survey		06:30 starting at 09:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None	K. Male Hunting southeast of site boundary.	JK
09/05/2017	Breeding	Breeding Raptor Survey		07:00 starting at 08:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 15 Rain: None; Frost: None ; Snow: None	HH Male & female , south side heading west.	JK
10/05/2017	Breeding	Breeding Raptor Survey		07:00 starting at 08:00	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 25 Rain: None; Frost: None ; Snow: None	Two SH observations refer to maps	JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
11/05/2017	Breeding	Breeding Raptor Survey		07:00 starting at 08:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 40 Rain: None; Frost: None ; Snow: None	SH westside of boundary	JK
12/05/2017	Breeding	Breeding Raptor Survey		06:30 starting at 08:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	K. Hunting westside of boundary	JK
15/05/2017	Breeding	Breeding Raptor Survey		06:30 starting at 08:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	Female HH foraging along westside of boundary heading west	JK
12/06/2017	Breeding	Breeding Raptor Survey		06:30 starting at 08:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	HH female northside heading west	JK
14/06/2017	Breeding	Breeding Raptor Survey		06:30 starting at 08:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 7 Rain: None; Frost: None ; Snow: None	Male SH hunting east side of site	JK
20/06/2017	Breeding	Breeding Raptor Survey		06:30 starting at 08:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None	K. Male Hunting westside. HH male east side fly over WD4	JK
21/06/2017	Breeding	Breeding Raptor Survey		06:30 starting at 09:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Female SH Northside, female SH near VP3, Female K. westside	JK
26/06/2017	Breeding	Breeding Raptor Survey		06:30 starting at 09:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None	Male HH traveling west N of VP3	
27/06/2017	Breeding	Breeding Raptor Survey		06:30 starting at 09:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Female K. N side. Male SH W side, female K. VP3. Female SH VP3.	JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
10/07/2017	Breeding	Breeding Raptor Survey		06:30 starting at 10:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	Male K. Hunting near Doo Lough. Female SH hunting near VP3	JK
11/07/2017	Breeding	Breeding Raptor Survey		06:30 starting at 10:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	No Raptors recorded	JK
18/07/2017	breeding	Breeding Raptor Survey		06:30 starting at 09:45	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None	SH female hunting on southside of buffer	JK
20/07/2017	Breeding	Breeding Raptor Survey		06:30 starting at 09:45	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	K. female hunting N side. K. female hunting E side	JK
21/07/2017	Breeding	Breeding Raptor Survey		06:30 starting at 10:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Rain; Frost: None ; Snow: None	No Raptors recorded	JK
24/07/2017	Breeding	Breeding Raptor Survey		06:30 starting at 10:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Two PE, male & ju westside heading south, female K.hunting on westside. Flock of 12 CU travelling E-W on the W side.	JK
10/04/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 08:30	Wind Speed and Direction: Moderate Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
10/04/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 09:30	Wind Speed and Direction: Fresh Breeze, N; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
10/04/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 10:30	Wind Speed and Direction: Fresh Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Male Hen Harrier seen hunting..	TK
10/04/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 12:00	Wind Speed and Direction: Fresh Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
10/04/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 13:00	Wind Speed and Direction: Fresh Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
10/04/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 14:00	Wind Speed and Direction: Fresh Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
10/04/2018	Breeding	Breeding Raptor Survey	VP 12071 65218	01:30 starting at 15:15	Wind Speed and Direction: Fresh Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
11/04/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 08:30	Wind Speed and Direction: Moderate Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
11/04/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 09:30	Wind Speed and Direction: Moderate Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
11/04/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 10:30	Wind Speed and Direction: Moderate Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
11/04/2018	Breeding	Breeding Raptor Survey	VP 10686 67081	01:30 starting at 12:15	Wind Speed and Direction: Moderate Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
11/04/2018	Breeding	Breeding Raptor Survey	VP 10181 69060	01:30 starting at 14:00	Wind Speed and Direction: Moderate Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
12/04/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 09:00	Wind Speed and Direction: Gentle Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
12/04/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 10:00	Wind Speed and Direction: Gentle Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
12/04/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 12:00	Wind Speed and Direction: Gentle Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
12/04/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 13:00	Wind Speed and Direction: Gentle Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
12/04/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 14:00	Wind Speed and Direction: Gentle Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
22/04/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 15:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
22/04/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 16:20	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None		TK
22/04/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 17:20	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
22/04/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 18:20	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
25/04/2018	Breeding	Breeding Raptor Survey	Area 4	01:00 starting at 08:45	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
25/04/2018	Breeding	Breeding Raptor Survey	Area 4	01:00 starting at 09:45	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
25/04/2018	Breeding	Breeding Raptor Survey	Area 4	01:00 starting at 10:45	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		TK
25/04/2018	Breeding	Breeding Raptor Survey	Area 4	01:00 starting at 12:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
25/04/2018	Breeding	Breeding Raptor Survey	Area 4	01:00 starting at 13:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
25/04/2018	Breeding	Breeding Raptor Survey	Area 4	01:00 starting at 14:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
26/04/2018	Breeding	Breeding Raptor Survey	Area 5	01:00 starting at 09:00	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
26/04/2018	Breeding	Breeding Raptor Survey	Area 5	01:00 starting at 10:00	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Heavy Showers; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
26/04/2018	Breeding	Breeding Raptor Survey	Area 5	01:00 starting at 11:00	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
26/04/2018	Breeding	Breeding Raptor Survey	Area 5	01:00 starting at 12:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Male Kestrel observed hunting.	TK
26/04/2018	Breeding	Breeding Raptor Survey	Area 5	01:00 starting at 13:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
27/04/2018	Breeding	Breeding Raptor Survey	Area 6	01:00 starting at 08:30	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
27/04/2018	Breeding	Breeding Raptor Survey	Area 6	01:00 starting at 09:30	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Male Kestrel observed in flight	TK
27/04/2018	Breeding	Breeding Raptor Survey	Area 6	01:00 starting at 10:30	Wind Speed and Direction: Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
27/04/2018	Breeding	Breeding Raptor Survey	Area 6	01:00 starting at 12:00	Wind Speed and Direction: Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
27/04/2018	Breeding	Breeding Raptor Survey	Area 6	01:00 starting at 13:00	Wind Speed and Direction: Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
15/05/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 13:00	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
15/05/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 14:00	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: Heavy Showers; Frost: None ; Snow: None		TK
15/05/2018	Breeding	Breeding Raptor Survey	vp 12425 68518	01:30 starting at 15:00	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	Male Hen Harrier seen hunting.	TK
15/05/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 17:10	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
15/05/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 18:10	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
15/05/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 19:10	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
15/05/2018	Breeding	Breeding Raptor Survey	VP 12071 65218	01:00 starting at 20:15	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
18/05/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 14:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	Sparrowhawk seen soaring.	TK
18/05/2018	Breeding	Breeding Raptor Survey	VP 10686 67081	01:50 starting at 15:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
18/05/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 17:25	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
18/05/2018	Breeding	Breeding Raptor Survey	VP 10686 67081	01:30 starting at 18:25	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
18/05/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 19:55	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
22/05/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 12:00	Wind Speed and Direction: Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
22/05/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 13:00	Wind Speed and Direction: Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
22/05/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 14:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
22/05/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 15:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: ; Snow: None		TK
22/05/2018	Breeding	Breeding Raptor Survey	Area 3	01:30 starting at 16:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow:	Male Kestrel seen in flight	TK
23/05/2018	Breeding	Breeding Raptor Survey	Area 4	01:00 starting at 10:00	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
23/05/2018	Breeding	Breeding Raptor Survey	Area 4	01:00 starting at 11:00	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
23/05/2018	Breeding	Breeding Raptor Survey	Area 4	01:00 starting at 12:00	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
23/05/2018	Breeding	Breeding Raptor Survey	Area 4	01:00 starting at 13:40	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
23/05/2018	Breeding	Breeding Raptor Survey	Area 4	01:00 starting at 14:40	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
23/05/2018	Breeding	Breeding Raptor Survey	Area 4	01:00 starting at 15:40	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
24/05/2018	Breeding	Breeding Raptor Survey	Area 5	01:00 starting at 08:45	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
24/05/2018	Breeding	Breeding Raptor Survey	Area 5	01:00 starting at 09:45	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
24/05/2018	Breeding	Breeding Raptor Survey	Area 5	01:00 starting at 10:45	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
24/05/2018	Breeding	Breeding Raptor Survey	Area 5	01:00 starting at 12:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
24/05/2018	Breeding	Breeding Raptor Survey	Area 5 VP 1	01:30 starting at 13:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: Heavy Showers; Frost: None ; Snow: None	Male Hen Harrier seen in flight	TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
29/05/2018	Breeding	Breeding Raptor Survey	Area 6	01:00 starting at 10:00	Wind Speed and Direction: Fresh Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
29/05/2018	Breeding	Breeding Raptor Survey	Area 6	01:00 starting at 11:00	Wind Speed and Direction: Fresh Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
29/05/2018	Breeding	Breeding Raptor Survey	Area 6	01:00 starting at 12:00	Wind Speed and Direction: Fresh Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
29/05/2018	Breeding	Breeding Raptor Survey	Area 6	01:00 starting at 13:30	Wind Speed and Direction: Fresh Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
29/05/2018	Breeding	Breeding Raptor Survey	Area 6	01:00 starting at 14:30	Wind Speed and Direction: Fresh Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/05/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 15:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/05/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 16:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/05/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 17:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/05/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 18:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
01/06/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 09:00	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
01/06/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 10:00	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
01/06/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 11:00	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
01/06/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 13:00	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
01/06/2018	Breeding	Breeding Raptor Survey	Area 3	01:30 starting at 14:00	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
02/06/2018	Breeding	Breeding Raptor Survey	Area 4	01:00 starting at 09:00	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
02/06/2018	Breeding	Breeding Raptor Survey	Area 4	01:00 starting at 10:00	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
02/06/2018	Breeding	Breeding Raptor Survey	Area 4	01:30 starting at 11:00	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
02/06/2018	Breeding	Breeding Raptor Survey	Area 4	01:00 starting at 13:30	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
06/06/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 10:10	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
06/06/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 11:10	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
06/06/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 12:10	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
06/06/2018	Breeding	Breeding Raptor Survey	VP 12071 65218	01:30 starting at 13:55	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
06/06/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 15:40	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
06/06/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 16:40	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
06/06/2018	Breeding	Breeding Raptor Survey	vp 12425 68518	01:30 starting at 17:50	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
07/06/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 09:35	Wind Speed and Direction: Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
07/06/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 10:35	Wind Speed and Direction: Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
07/06/2018	Breeding	Breeding Raptor Survey	VP 1	01:30 starting at 11:50	Wind Speed and Direction: Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
07/06/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 14:00	Wind Speed and Direction: Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
07/06/2018	Breeding	Breeding Raptor Survey	VP 2	01:30 starting at 15:10	Wind Speed and Direction: Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
09/06/2018	Breeding	Breeding Raptor Survey	Area 1	01:15 starting at 10:00	Wind Speed and Direction:, NW; Visibility: ; Cloud Height: ; Cloud Cover %: 0-33 Rain: ; Frost: ; Snow:	No Raptors seen.	TK
09/06/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 11:35	Wind Speed and Direction:, NW; Visibility: ; Cloud Height: ; Cloud Cover %: 0-33 Rain: ; Frost: ; Snow:		TK
09/06/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 12:35	Wind Speed and Direction:, NW; Visibility: ; Cloud Height: ; Cloud Cover %: 0-33 Rain: ; Frost: ; Snow:		TK
09/06/2018	Breeding	Breeding Raptor Survey	VP1	01:30 starting at 14:05	Wind Speed and Direction:, NW; Visibility: ; Cloud Height: ; Cloud Cover %: 0-33 Rain: ; Frost: ; Snow:	Male Kestrel observed hunting	TK
10/06/2018	Breeding	Breeding Raptor Survey	Area 5	01:00 starting at 08:30	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
10/06/2018	Breeding	Breeding Raptor Survey	Area 5	01:00 starting at 09:30	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
10/06/2018	Breeding	Breeding Raptor Survey	Area 5 VP 1	01:30 starting at 10:50	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
10/06/2018	Breeding	Breeding Raptor Survey	Area 5	01:00 starting at 13:00	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
10/06/2018	Breeding	Breeding Raptor Survey	Area 5	01:00 starting at 14:00	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
13/06/2018	Breeding	Breeding Raptor Survey	Area 6	01:00 starting at 08:35	Wind Speed and Direction: Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
13/06/2018	Breeding	Breeding Raptor Survey	Area 6	01:00 starting at 09:35	Wind Speed and Direction: Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
13/06/2018	Breeding	Breeding Raptor Survey	Area 6	01:00 starting at 10:35	Wind Speed and Direction: Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
13/06/2018	Breeding	Breeding Raptor Survey	Area 6	01:00 starting at 12:15	Wind Speed and Direction: Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
13/06/2018	Breeding	Breeding Raptor Survey	Area 6	01:00 starting at 13:15	Wind Speed and Direction: Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
09/07/2018	Breeding	Breeding Raptor Survey		06:30 starting at 07:30	Wind Speed and Direction: Moderate Breeze, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No Raptors seen.	JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
13/07/2018	Breeding	Breeding Raptor Survey	Area 1 VP 1	01:30 starting at 08:10	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
13/07/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 09:50	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
13/07/2018	Breeding	Breeding Raptor Survey	Area 1 VP 2	01:30 starting at 11:20	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
13/07/2018	Breeding	Breeding Raptor Survey	Area 1	00:40 starting at 12:50	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
13/07/2018	Breeding	Breeding Raptor Survey	Area 1 VP 3	01:30 starting at 13:45	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
22/07/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 11:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
22/07/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 12:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
22/07/2018	Breeding	Breeding Raptor Survey	Area 2 VP 1	01:30 starting at 12:15	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
22/07/2018	Breeding	Breeding Raptor Survey	Area 2 VP 2	01:35 starting at 14:25	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
27/07/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 09:25	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
27/07/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 10:25	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
27/07/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 11:25	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
27/07/2018	Breeding	Breeding Raptor Survey	Area 3	01:25 starting at 13:15	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None		TK
28/07/2018	Breeding	Breeding Raptor Survey	Area 4	01:00 starting at 08:45	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
28/07/2018	Breeding	Breeding Raptor Survey	Area 4	01:00 starting at 09:45	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
28/07/2018	Breeding	Breeding Raptor Survey	Area 4	01:00 starting at 10:45	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
28/07/2018	Breeding	Breeding Raptor Survey	Area 4	01:00 starting at 12:20	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
28/07/2018	Breeding	Breeding Raptor Survey	Area 4	01:25 starting at 13:20	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
29/07/2018	Breeding	Breeding Raptor Survey	Area 5 VP 1	02:00 starting at 09:30	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
29/07/2018	Breeding	Breeding Raptor Survey	Area 5	01:00 starting at 11:45	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
29/07/2018	Breeding	Breeding Raptor Survey	Area 5	01:00 starting at 13:15	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
29/07/2018	Breeding	Breeding Raptor Survey	Area 5	01:00 starting at 14:15	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
29/07/2018	Breeding	Breeding Raptor Survey	Area 5 VP 1	00:45 starting at 14:10	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/07/2018	Breeding	Breeding Raptor Survey	Area 6	01:00 starting at 13:15	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
30/07/2018	Breeding	Breeding Raptor Survey	Area 6	01:00 starting at 14:15	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
30/07/2018	Breeding	Breeding Raptor Survey	Area 6	01:00 starting at 15:15	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/07/2018	Breeding	Breeding Raptor Survey	Area 6	00:50 starting at 16:50	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
07/04/2019	Breeding	Breeding Raptor Survey	Area 1 Transects 1 -4	01:15 starting at 09:05	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
07/04/2019	Breeding	Breeding Raptor Survey	RVP 1	01:30 starting at 10:45	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
07/04/2019	Breeding	Breeding Raptor Survey	RVP 3	01:30 starting at 12:50	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
07/04/2019	Breeding	Breeding Raptor Survey	RVP 2	01:30 starting at 15:15	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Male Kestrel observed hunting . Female Hen Harrier observed Hunting.	TK
08/04/2019	Breeding	Breeding Raptor Survey	RVP 1	01:45 starting at 09:00	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
08/04/2019	Breeding	Breeding Raptor Survey	RVP 2	00:45 starting at 11:15	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
08/04/2019	Breeding	Breeding Raptor Survey	RVP 4	01:30 starting at 13:00	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Female Kestrel observed in flight	TK
08/04/2019	Breeding	Breeding Raptor Survey	Area 2 Transects 1 -4	01:10 starting at 15:10	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
16/04/2019	Breeding	Breeding Raptor Survey	RVP 4	00:00 starting at 08:45	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
16/04/2019	Breeding	Breeding Raptor Survey	RVP 1	00:00 starting at 09:45	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	Female Hen Harrier observed	TK
16/04/2019	Breeding	Breeding Raptor Survey	RVP 3	00:00 starting at 12:30	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
16/04/2019	Breeding	Breeding Raptor Survey	RVP 2	00:00 starting at 14:30	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
21/04/2019	Breeding	Breeding Raptor Survey	Area 2 Transects 1 -4	01:25 starting at 09:00	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
21/04/2019	Breeding	Breeding Raptor Survey	RVP 2	00:45 starting at 11:15	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
21/04/2019	Breeding	Breeding Raptor Survey	RVP 4	01:30 starting at 13:00	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
21/04/2019	Breeding	Breeding Raptor Survey	RVP 1	01:10 starting at 15:10	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
23/04/2019	Breeding	Breeding Raptor Survey	Area 1 Transects 1 -4	01:15 starting at 08:30	Wind Speed and Direction: Fresh Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
23/04/2019	Breeding	Breeding Raptor Survey	RVP 1	02:00 starting at 10:10	Wind Speed and Direction: Fresh Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
23/04/2019	Breeding	Breeding Raptor Survey	RVP 3	01:30 starting at 12:55	Wind Speed and Direction: Fresh Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
23/04/2019	Breeding	Breeding Raptor Survey	RVP 2	02:00 starting at 15:10	Wind Speed and Direction: Fresh Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
03/05/2019	Breeding	Breeding Raptor Survey	Area 1 Transects 1 -4	01:15 starting at 09:05	Wind Speed and Direction: Moderate Breeze, N; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
03/05/2019	Breeding	Breeding Raptor Survey	RVP 1	01:30 starting at 10:35	Wind Speed and Direction: Moderate Breeze, N; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Male Hen Harrier seen hunting	TK
03/05/2019	Breeding	Breeding Raptor Survey	RVP 3	01:30 starting at 13:15	Wind Speed and Direction: Moderate Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
03/05/2019	Breeding	Breeding Raptor Survey	RVP 2	02:30 starting at 15:10	Wind Speed and Direction: Moderate Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
08/05/2019	Breeding	Breeding Raptor Survey	Area 2 Transects 1 -4	01:30 starting at 09:25	Wind Speed and Direction: Moderate Breeze, NE; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
08/05/2019	Breeding	Breeding Raptor Survey	RVP 2	01:30 starting at 11:25	Wind Speed and Direction: Moderate Breeze, NE; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
08/05/2019	Breeding	Breeding Raptor Survey	RVP 4	01:30 starting at 14:00	Wind Speed and Direction: Moderate Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
08/05/2019	Breeding	Breeding Raptor Survey	RVP 1	01:10 starting at 15:10	Wind Speed and Direction: Moderate Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
11/05/2019	Breeding	Breeding Raptor Survey	Area 1 Transects 1 -4	01:15 starting at 08:30	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
11/05/2019	Breeding	Breeding Raptor Survey	RVP 1	01:30 starting at 10:15	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
11/05/2019	Breeding	Breeding Raptor Survey	RVP 3	01:30 starting at 12:35	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
11/05/2019	Breeding	Breeding Raptor Survey	RVP 2	01:30 starting at 14:25	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
12/05/2019	Breeding	Breeding Raptor Survey	RVP 1	01:30 starting at 08:50	Wind Speed and Direction:, S; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
12/05/2019	Breeding	Breeding Raptor Survey	RVP 2	01:30 starting at 10:55	Wind Speed and Direction:, S; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	Male Hen Harrier seen hunting	TK
12/05/2019	Breeding	Breeding Raptor Survey	RVP 4	01:30 starting at 13:20	Wind Speed and Direction:, S; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
12/05/2019	Breeding	Breeding Raptor Survey	Area 2 Transects 1 -4	01:20 starting at 15:30	Wind Speed and Direction:, S; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
18/05/2019	Breeding	Breeding Raptor Survey	RVP 3	01:15 starting at 09:15	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
18/05/2019	Breeding	Breeding Raptor Survey	RVP 2	01:30 starting at 10:55	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
18/05/2019	Breeding	Breeding Raptor Survey	Area 2 Transects 1 -4	01:30 starting at 13:30	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Text moved to confidential appendix due to sensitive species data.	TK
18/05/2019	Breeding	Breeding Raptor Survey	RVP 1	01:30 starting at 15:20	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
06/06/2019	Breeding	Breeding Raptor Survey	Area 1 Transects 1 -4	01:15 starting at 10:10	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	No target species seen	TK
06/06/2019	Breeding	Breeding Raptor Survey	RVP 1	01:30 starting at 11:45	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	No target species seen	TK
06/06/2019	Breeding	Breeding Raptor Survey	RVP 3	01:30 starting at 14:25	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	No target species seen	TK
06/06/2019	Breeding	Breeding Raptor Survey	RVP 2	01:30 starting at 16:20	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	No target species seen	TK
14/06/2019	Breeding	Breeding Raptor Survey	Area 2 Transects 1 -4	01:30 starting at 09:00	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
14/06/2019	Breeding	Breeding Raptor Survey	RVP 2	01:30 starting at 11:00	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
14/06/2019	Breeding	Breeding Raptor Survey	RVP 4	01:30 starting at 13:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
14/06/2019	Breeding	Breeding Raptor Survey	RVP 1	01:30 starting at 15:45	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
18/06/2019	Breeding	Breeding Raptor Survey	Area 1 Transects 1 -4	01:15 starting at 10:00	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
18/06/2019	Breeding	Breeding Raptor Survey	RVP 1	01:30 starting at 11:45	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
18/06/2019	Breeding	Breeding Raptor Survey	RVP 3	01:30 starting at 14:20	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
18/06/2019	Breeding	Breeding Raptor Survey	RVP 2	01:30 starting at 16:10	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
21/06/2019	Breeding	Breeding Raptor Survey	Area 2 Transects 1 -4	01:30 starting at 09:00	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
21/06/2019	Breeding	Breeding Raptor Survey	RVP 2	01:30 starting at 11:00	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
21/06/2019	Breeding	Breeding Raptor Survey	RVP 4	01:30 starting at 13:30	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Buzzard seen soaring.	TK
21/06/2019	Breeding	Breeding Raptor Survey	RVP 1	01:30 starting at 15:45	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
24/06/2019	Breeding	Breeding Raptor Survey	Area 1 Transects 1 -4	01:20 starting at 09:30	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
24/06/2019	Breeding	Breeding Raptor Survey	RVP 1	01:30 starting at 11:15	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Male Hen Harrier seen hunting.	TK
24/06/2019	Breeding	Breeding Raptor Survey	RVP 3	01:30 starting at 13:35	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
24/06/2019	Breeding	Breeding Raptor Survey	RVP 2	01:30 starting at 15:40	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
05/07/2019	Breeding	Breeding Raptor Survey	Area 1 Transects 1 -4	01:10 starting at 09:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow:	NIL SIGHTINGS	TK
05/07/2019	Breeding	Breeding Raptor Survey	RVP 1	01:30 starting at 11:20	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow:	NIL SIGHTINGS	TK
05/07/2019	Breeding	Breeding Raptor Survey	RVP 3	01:30 starting at 13:55	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow:	NIL SIGHTINGS	TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
05/07/2019	Breeding	Breeding Raptor Survey	RVP 2	01:30 starting at 15:50	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow:	NIL SIGHTINGS	TK
06/07/2019	Breeding	Breeding Raptor Survey	Area 2 Transects 1 -4	01:30 starting at 09:15	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	NIL SIGHTINGS	TK
06/07/2019	Breeding	Breeding Raptor Survey	RVP 2	01:30 starting at 11:10	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	Male Hen Harrier seen hunting.	TK
06/07/2019	Breeding	Breeding Raptor Survey	RVP 1	03:00 starting at 14:00	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	NIL SIGHTINGS	TK
08/07/2019	Breeding	Breeding Raptor Survey	Area 1 Transects 1 -4	01:15 starting at 10:00	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	NIL SIGHTINGS	TK
08/07/2019	Breeding	Breeding Raptor Survey	RVP 2	01:30 starting at 11:40	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	NIL SIGHTINGS	TK
08/07/2019	Breeding	Breeding Raptor Survey	RVP 1	01:30 starting at 14:10	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	NIL SIGHTINGS	TK
08/07/2019	Breeding	Breeding Raptor Survey	RVP 4	01:30 starting at 16:10	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	NIL SIGHTINGS	TK
12/07/2019	Breeding	Breeding Raptor Survey	Area 1 Transects 1 -4	01:05 starting at 09:15	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	NIL SIGHTINGS	TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
12/07/2019	Breeding	Breeding Raptor Survey	RVP 1	01:30 starting at 10:50	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	NIL SIGHTINGS	TK
12/07/2019	Breeding	Breeding Raptor Survey	RVP 2	01:30 starting at 13:25	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	NIL SIGHTINGS	TK
12/07/2019	Breeding	Breeding Raptor Survey	RVP 3	01:30 starting at 15:30	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Female Kestrel seen hunting	TK
24/07/2019	Breeding	Breeding Raptor Survey	Area 1 Transects 1 -4	01:10 starting at 08:00	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
24/07/2019	Breeding	Breeding Raptor Survey	RVP 2	01:30 starting at 09:30	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
24/07/2019	Breeding	Breeding Raptor Survey	RVP 1	01:30 starting at 14:00	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Male Hen Harrier seen in flight	TK
24/07/2019	Breeding	Breeding Raptor Survey	RVP 4	01:30 starting at 16:00	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK

Table 1-4 Breeding Woodcock Survey Effort

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
29/06/2017	Breeding	Breeding Woodcock Survey		02:30 starting at 21:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	No Woodcock recorded	JK
08/06/2018	Breeding	Breeding Woodcock Survey	VP1	01:00 starting at 21:00	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 0-33 Rain: ; Frost: ; Snow:	No Woodcock seen or heard	TK
08/06/2018	Breeding	Breeding Woodcock Survey	VP1	01:00 starting at 22:00	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 0-33 Rain: ; Frost: ; Snow:	No Woodcock seen or heard	TK
27/06/2018	Breeding	Breeding Woodcock Survey	Cahermurphy West	02:10 starting at 21:10	Wind Speed and Direction:, ENE; Visibility: ; Cloud Height: ; Cloud Cover %: <2 Rain: ; Frost: ; Snow:		AM
30/06/2018	Breeding	Breeding Woodcock Survey	VP2	01:00 starting at 21:00	Wind Speed and Direction:, NW; Visibility: ; Cloud Height: ; Cloud Cover %: 0-33 Rain: ; Frost: ; Snow:	No Woodcock seen or heard	TK
30/06/2018	Breeding	Breeding Woodcock Survey	VP2	01:10 starting at 22:00	Wind Speed and Direction:, NW; Visibility: ; Cloud Height: ; Cloud Cover %: 0-33 Rain: ; Frost: ; Snow:	No Woodcock seen or heard	TK
13/05/2019	Breeding	Breeding Woodcock Survey	Area 1	01:00 starting at 20:45	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
13/05/2019	Breeding	Breeding Woodcock Survey	Area 1	01:00 starting at 21:45	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
29/05/2019	Breeding	Breeding Woodcock Survey	Area 2	01:00 starting at 20:50	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No Woodcock seen or heard	TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
29/05/2019	Breeding	Breeding Woodcock Survey	Area 2	01:15 starting at 21:50	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No Woodcock seen or heard	TK
05/06/2019	Breeding	Breeding Woodcock Survey	Area 1	01:00 starting at 20:55	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No Woodcock seen or heard	TK
05/06/2019	Breeding	Breeding Woodcock Survey	Area 1	01:08 starting at 21:55	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No Woodcock seen or heard	TK
12/06/2019	Breeding	Breeding Woodcock Survey	Area 2	01:00 starting at 21:00	Wind Speed and Direction: Moderate Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No Woodcock seen or heard	TK
12/06/2019	Breeding	Breeding Woodcock Survey	Area 2	01:10 starting at 22:00	Wind Speed and Direction: Moderate Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No Woodcock seen or heard	TK
17/06/2019	Breeding	Breeding Woodcock Survey	Area 3	01:00 starting at 21:10	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No Woodcock seen or heard	TK
17/06/2019	Breeding	Breeding Woodcock Survey	Area 3	01:00 starting at 22:10	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No Woodcock seen or heard	TK
28/06/2019	Breeding	Breeding Woodcock Survey	Area 4	01:00 starting at 21:05	Wind Speed and Direction: se; Visibility: ; Cloud Height: ; Cloud Cover %: 33-66 Rain: ; Frost: ; Snow:	No woodcock seen or heard	TK
28/06/2019	Breeding	Breeding Woodcock Survey	Area 4	01:05 starting at 22:05	Wind Speed and Direction: Moderate Breeze, se; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No woodcock seen or heard	TK

Table 1-5 Red Grouse Survey Effort

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
23/03/2019	Non-breeding	Red Grouse Survey	A	00:45 starting at 08:45	Wind Speed and Direction: Calm, N/A; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP
23/03/2019	Non-breeding	Red Grouse Survey	B	00:30 starting at 09:42	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP
23/03/2019	Non-breeding	Red Grouse Survey	C	00:27 starting at 10:52	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP
23/03/2019	Non-breeding	Red Grouse Survey	D	00:31 starting at 12:02	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP
23/03/2019	Non-breeding	Red Grouse Survey	E	00:40 starting at 13:03	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP
23/03/2019	Non-breeding	Red Grouse Survey	F	00:42 starting at 14:00	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP
23/03/2019	Non-breeding	Red Grouse Survey	G	00:14 starting at 15:47	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP
23/03/2019	Non-breeding	Red Grouse Survey	H	00:15 starting at 16:30	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP
23/03/2019	Non-breeding	Red Grouse Survey	I	00:15 starting at 17:00	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
23/03/2019	Non-breeding	Red Grouse Survey	J	00:18 starting at 17:30	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP
23/03/2019	Non-breeding	Red Grouse Survey	K	00:13 starting at 18:04	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP
23/03/2019	Non-breeding	Red Grouse Survey	L	00:25 starting at 18:25	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP

Table 1-6 Hen Harrier Roost Survey Effort

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
03/10/2017	Non-Breeding	HH Roost Survey	HHVP5	02:30 starting at 16:30	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Numbers of SN call on site. No HH	JK
05/10/2017	Non-Breeding	HH Roost Survey	HHVP6	02:30 starting at 16:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33 Rain: Heavy Rain; Frost: None ; Snow: None	SN on site. No HH	JK
18/10/2017	Non-Breeding	HH Roost Survey	HHVP3	02:30 starting at 16:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	SN on site. No HH	JK
19/10/2017	Non-Breeding	HH Roost Survey	HHVP2	02:00 starting at 16:50	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JK
24/10/2017	Non-Breeding	HH Roost Survey	HHVP1	02:10 starting at 16:50	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		JK
25/10/2017	Non-Breeding	HH Roost Survey	HHVP4	02:30 starting at 16:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
03/11/2017	Non Breeding	HH Roost Survey	HHVP11	03:00 starting at 15:00	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
10/11/2017	Non Breeding	HH Roost Survey	HHVP4	03:00 starting at 14:45	Wind Speed and Direction: Moderate Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JK
13/11/2017	Non Breeding	HH Roost Survey	HHVP2	03:00 starting at 14:45	Wind Speed and Direction: Fresh Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
17/11/2017	Non Breeding	HH Roost Survey	HHVP3	03:00 starting at 14:40	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JK
20/11/2017	Non Breeding	HH Roost Survey	HHVP10	03:00 starting at 14:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	Adult Male ML recorded on site 15:32:00pm	JK
22/11/2017	Non Breeding	HH Roost Survey	HHVP5	03:00 starting at 14:36	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JK
07/12/2017	Non Breeding	HH Roost Survey	HHVP4	03:00 starting at 14:25	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	no HH	JK
11/12/2017	Non Breeding	HH Roost Survey	HHVP10	03:00 starting at 14:20	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: On site; Snow: None	Text moved to confidential appendix due to sensitive species data. Flock of 12 SN Flew over site 16:05PM	JK
13/12/2017	Non Breeding	HH Roost Survey	HHVP5	03:00 starting at 14:20	Wind Speed and Direction: Strong Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	NO HH	JK
14/12/2017	Non Breeding	HH Roost Survey	HHVP2	03:00 starting at 14:30	Wind Speed and Direction: Strong Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	NO HH	JK
20/12/2017	Non Breeding	HH Roost Survey	HHVP11	03:00 starting at 14:20	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	NO HH	JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
15/01/2018	Non-Breeding	HH Roost Survey	HHVP 11	03:00 starting at 14:20	Wind Speed and Direction: Strong Breeze, W-NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None		JK
16/01/2018	Non-Breeding	HH Roost Survey	HHVP 3	02:40 starting at 14:40	Wind Speed and Direction: Strong Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None		JK
22/01/2018	Non-Breeding	HH Roost Survey	HHVP5	02:00 starting at 15:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JK
23/01/2018	Non-Breeding	HH Roost Survey	HHVP 4	02:30 starting at 15:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	Text moved to confidential appendix due to sensitive species data.	JK
25/01/2018	Non-Breeding	HH Roost Survey	HHVP 10	02:35 starting at 15:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None		JK
26/01/2018	Non-Breeding	HH Roost Survey	HHVP 2	02:20 starting at 15:15	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
15/02/2018	Non-breeding	HH Roost Survey	HHVP 4	03:00 starting at 15:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	No HH	JK
26/02/2018	Non Breeding	HH Roost Survey	HHVP 10	03:00 starting at 15:45	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK
27/02/2018	Non Breeding	HH Roost Survey	HHVP 11	03:00 starting at 15:45	Wind Speed and Direction: Fresh Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
28/02/2018	Non - Breeding	HH Roost Survey	HHVP2	01:00 starting at 15:30	Wind Speed and Direction: Fresh Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: On site; Snow: None	Text moved to confidential appendix due to sensitive species data.	TK
28/02/2018	Non - Breeding	HH Roost Survey	HHVP2	01:00 starting at 16:30	Wind Speed and Direction: Fresh Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: On site; Snow: None		TK
28/02/2018	Non - Breeding	HH Roost Survey	HHVP2	01:00 starting at 17:30	Wind Speed and Direction: Fresh Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: On site; Snow: None		TK
21/03/2018	Non Breeding	HH Roost Survey	HHVP11	02:30 starting at 17:00	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
22/03/2018	Non Breeding	HH Roost Survey	HHVP4	03:00 starting at 16:20	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
26/03/2018	Non Breeding	HH Roost Survey	HHVP5	03:00 starting at 17:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
27/03/2018	Non Breeding	HH Roost Survey	HHVP3	03:00 starting at 17:30	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
28/03/2018	Non Breeding	HH Roost Survey	HHVP10	03:00 starting at 17:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
29/03/2018	Non Breeding	HH Roost Survey	HHVP2	03:00 starting at 17:30	Wind Speed and Direction: Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
02/10/2018	Non-Breeding	HH Roost Survey	HHVP 10	03:00 starting at 17:10	Wind Speed and Direction: Light Air, W; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	No HH Observations	CMc
02/10/2018	Non Breeding	HH Roost Survey	HHVP 4	02:30 starting at 17:00	Wind Speed and Direction: Strong Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	Text moved to confidential appendix due to sensitive species data.	JK
03/10/2018	Non-Breeding	HH Roost Survey	HHVP 2	03:00 starting at 17:10	Wind Speed and Direction: Calm, WSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	No HH Observations	CMc
04/10/2018	Non-Breeding	HH Roost Survey	HHVP 4	03:00 starting at 17:05	Wind Speed and Direction: Light Air, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	No HH Observations	CMc
10/10/2018	Non-Breeding	HH Roost Survey	HHVP5	03:00 starting at 16:55	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None	No HH Observations	CMc
11/10/2018	Non-Breeding	HH Roost Survey	HHVP 11	03:00 starting at 16:50	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 70 Rain: None; Frost: None ; Snow: None	No HH Observations	CMc
11/10/2018	Non Breeding	HH Roost Survey	HHVP 1	03:00 starting at 17:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK
23/10/2018	Non Breeding	HH Roost Survey	HHVP 2	03:00 starting at 16:00	Wind Speed and Direction: Strong Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
25/10/2018	Non Breeding	HH Roost Survey	HHVP 3	03:00 starting at 16:00	Wind Speed and Direction: Strong Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
01/11/2018	Non Breeding	HH Roost Survey	HHVP 4	02:45 starting at 15:00	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow:	no targets	JK
08/11/2018	Non Breeding	HH Roost Survey	HHVP 1	02:45 starting at 15:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	No HH Recorded	JK
13/11/2018	Non Breeding	HH Roost Survey	HHVP2	01:00 starting at 14:20	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	Moved VP slightly to grid ref: 06260 70198 for a better view.	TK
13/11/2018	Non Breeding	HH Roost Survey	HHVP2	01:00 starting at 15:20	Wind Speed and Direction:, SSE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	Text moved to confidential appendix due to sensitive species data.	TK
13/11/2018	Non Breeding	HH Roost Survey	HHVP2	01:00 starting at 16:20	Wind Speed and Direction:, SSE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
14/11/2018	Non Breeding	HH Roost Survey	HHVP5	01:00 starting at 14:20	Wind Speed and Direction:, S; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
14/11/2018	Non Breeding	HH Roost Survey	HHVP5	01:00 starting at 15:20	Wind Speed and Direction:, S; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
14/11/2018	Non Breeding	HH Roost Survey	HHVP5	01:00 starting at 16:20	Wind Speed and Direction:, S; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	Kestrel seen Hunting	TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
20/11/2018	Non Breeding	HH Roost Survey	HHVP11	01:00 starting at 14:20	Wind Speed and Direction:, NE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	No HH Observations	TK
20/11/2018	Non Breeding	HH Roost Survey	HHVP11	01:00 starting at 15:20	Wind Speed and Direction:, NE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	No HH Observations	TK
20/11/2018	Non Breeding	HH Roost Survey	HHVP11	01:00 starting at 16:20	Wind Speed and Direction:, NE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	No HH Observations	TK
21/11/2018	Non Breeding	HH Roost Survey	HHVP 2	03:00 starting at 14:10	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	No HH Recorded	JK
27/11/2018	Non Breeding	HH Roost Survey	HHVP 3	03:00 starting at 14:10	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	No HH Recorded	JK
28/11/2018	Non Breeding	HH Roost Survey	HHVP4	01:00 starting at 14:15	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	No HH Observations	TK
28/11/2018	Non Breeding	HH Roost Survey	HHVP4	01:00 starting at 15:15	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	No HH Observations	TK
28/11/2018	Non Breeding	HH Roost Survey	HHVP4	01:00 starting at 16:15	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	No HH Observations	TK
01/12/2018	Non Breeding	HH Roost Survey	HHVP 10	01:00 starting at 14:15	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	NOVEMBER SURVEY No HH Observations	TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
01/12/2018	Non Breeding	HH Roost Survey	HHVP 10	01:00 starting at 15:15	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	NOVEMBER SURVEY No HH Observations	TK
01/12/2018	Non Breeding	HH Roost Survey	HHVP 10	01:00 starting at 16:15	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	NOVEMBER SURVEY No HH Observations	TK
03/12/2018	Non-Breeding	HH Roost Survey	HHVP2	01:00 starting at 14:20	Wind Speed and Direction:, NW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
03/12/2018	Non-Breeding	HH Roost Survey	HHVP2	01:00 starting at 15:20	Wind Speed and Direction:, NW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
03/12/2018	Non-Breeding	HH Roost Survey	HHVP2	01:00 starting at 16:20	Wind Speed and Direction:, NW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
08/12/2018	Non-Breeding	HH Roost Survey	HHVP11	01:00 starting at 14:15	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
08/12/2018	Non-Breeding	HH Roost Survey	HHVP11	01:00 starting at 15:15	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
08/12/2018	Non-Breeding	HH Roost Survey	HHVP11	01:00 starting at 16:15	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
12/12/2018	Non-Breeding	HH Roost Survey	HHVP10	01:00 starting at 14:25	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
12/12/2018	Non-Breeding	HH Roost Survey	HHVP10	01:00 starting at 15:25	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
12/12/2018	Non-Breeding	HH Roost Survey	HHVP10	00:55 starting at 16:25	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
13/12/2018	Non-Breeding	HH Roost Survey	HHVP4	01:00 starting at 14:15	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
13/12/2018	Non-Breeding	HH Roost Survey	HHVP4	01:00 starting at 15:15	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
13/12/2018	Non-Breeding	HH Roost Survey	HHVP4	01:00 starting at 16:15	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
13/12/2018	Non Breeding	HH Roost Survey	HHVP 1	02:45 starting at 14:15	Wind Speed and Direction: Strong Breeze, SE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		JK
18/12/2018	Non-Breeding	HH Roost Survey	HHVP5	01:00 starting at 14:25	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
18/12/2018	Non-Breeding	HH Roost Survey	HHVP5	01:00 starting at 15:25	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
18/12/2018	Non-Breeding	HH Roost Survey	HHVP5	00:55 starting at 16:25	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
19/12/2018	Non Breeding	HH Roost Survey	HHVP 2	03:00 starting at 14:10	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JK
20/12/2018	Non Breeding	HH Roost Survey	HHVP 4	03:00 starting at 14:00	Wind Speed and Direction: Moderate Gale, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: ; Frost: None ; Snow: None		JK
21/12/2018	Non Breeding	HH Roost Survey	HHVP 3	03:00 starting at 14:00	Wind Speed and Direction: Fresh Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK
08/01/2019	Non-Breeding	HH Roost Survey	HHVP 4	01:00 starting at 14:20	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
08/01/2019	Non-Breeding	HH Roost Survey	HHVP 4	01:00 starting at 15:20	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
08/01/2019	Non-Breeding	HH Roost Survey	HHVP 4	01:00 starting at 16:20	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
11/01/2019	Non-Breeding	HH Roost Survey	HHVP5	01:00 starting at 14:20	Wind Speed and Direction: Moderate Breeze, S; Visibility: ; Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
11/01/2019	Non-Breeding	HH Roost Survey	HHVP5	01:00 starting at 15:20	Wind Speed and Direction: Moderate Breeze, S; Visibility: ; Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
11/01/2019	Non-Breeding	HH Roost Survey	HHVP5	01:00 starting at 16:20	Wind Speed and Direction: Moderate Breeze, S; Visibility: ; Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
15/01/2019	Non Breeding	HH Roost Survey	HHVP 3	03:00 starting at 14:30	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	TU *10 present on Doo Lough. GP*100+flock Circling over site near lough at 15:09, Headed West. ML female on site 15:25/15:50 Perched then flew west.	JK
16/01/2019	Non Breeding	HH Roost Survey	HHVP 1	03:10 starting at 14:30	Wind Speed and Direction: Strong Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	No HH Recorded	JK
23/01/2019	Non Breeding	HH Roost Survey	HHVP 2	03:00 starting at 14:40	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	No HH Recorded	JK
24/01/2019	Non Breeding	HH Roost Survey	HHVP 4	03:00 starting at 14:45	Wind Speed and Direction: Strong Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	No HH Recorded	JK
26/01/2019	Non-Breeding	HH Roost Survey	HHVP 10	01:00 starting at 14:50	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
26/01/2019	Non-Breeding	HH Roost Survey	HHVP 10	01:00 starting at 15:50	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Male Hen Harrier seen in flight.	TK
26/01/2019	Non-Breeding	HH Roost Survey	HHVP 10	01:00 starting at 16:50	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
27/01/2019	Non-Breeding	HH Roost Survey	HHVP 2	01:00 starting at 14:50	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
27/01/2019	Non-Breeding	HH Roost Survey	HHVP 2	01:00 starting at 15:50	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		TK
27/01/2019	Non-Breeding	HH Roost Survey	HHVP 2	01:00 starting at 16:50	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
30/01/2019	Non-Breeding	HH Roost Survey	HHVP 11	01:00 starting at 07:45	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
30/01/2019	Non-Breeding	HH Roost Survey	HHVP 11	01:00 starting at 08:45	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
30/01/2019	Non-Breeding	HH Roost Survey	HHVP 11	01:00 starting at 09:45	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
01/02/2019	Non-breeding	HH Roost Survey	HHVP4	03:00 starting at 15:00	Wind Speed and Direction: Strong Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JoeK
04/02/2019	Non-breeding	HH Roost Survey	HHVP3	02:15 starting at 07:15	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JoeK
05/02/2019	Non-breeding	HH Roost Survey	HHVP1	03:03 starting at 15:15	Wind Speed and Direction: Moderate Gale, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JoeK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
07/02/2019	Non-Breeding	HH Roost Survey	HHVP2	02:00 starting at 15:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		JoeK
07/02/2019	Non-Breeding	HH Roost Survey	HHVP2	01:00 starting at 17:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		JoeK
07/02/2019	Non-breeding	HH Roost Survey	HHVP2	03:00 starting at 15:15	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JoeK
12/02/2019	Non-Breeding	HH Roost Survey	HHVP10	02:00 starting at 15:30	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JoeK
12/02/2019	Non-Breeding	HH Roost Survey	HHVP10	01:00 starting at 17:30	Wind Speed and Direction: Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JoeK
25/02/2019	Non-Breeding	HH Roost Survey	HHVP11	02:15 starting at 06:45	Wind Speed and Direction: Strong Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JoeK
27/02/2019	Non-Breeding	HH Roost Survey	HHVP4	02:55 starting at 15:20	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JoeK
28/02/2019	Non-Breeding	HH Roost Survey	HHVP5	01:00 starting at 16:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JoeK
28/02/2019	Non-Breeding	HH Roost Survey	HHVP5	01:30 starting at 17:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JoeK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
06/03/2019	Non-Breeding	HH Roost Survey	HHVP 3	01:00 starting at 16:10	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
06/03/2019	Non-Breeding	HH Roost Survey	HHVP 3	01:00 starting at 17:10	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
06/03/2019	Non-Breeding	HH Roost Survey	HHVP 3	01:00 starting at 18:10	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
08/03/2019	Non-Breeding	HH Roost Survey	HHVP 2	01:00 starting at 16:10	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
08/03/2019	Non-Breeding	HH Roost Survey	HHVP 2	01:00 starting at 17:10	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
08/03/2019	Non-Breeding	HH Roost Survey	HHVP 2	01:00 starting at 18:10	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
09/03/2019	Non-Breeding	HH Roost Survey	HHVP 1	01:00 starting at 16:15	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
09/03/2019	Non-Breeding	HH Roost Survey	HHVP 1	01:00 starting at 17:15	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
09/03/2019	Non-Breeding	HH Roost Survey	HHVP 1	01:00 starting at 18:15	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
11/03/2019	Non Breeding	HH Roost Survey	HHVP 4	03:05 starting at 16:25	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	Female K. hunting on site	JK
15/03/2019	Non Breeding	HH Roost Survey	HHVP 11	03:00 starting at 16:20	Wind Speed and Direction: Strong Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		JK
20/03/2019	Non Breeding	HH Roost Survey	HHVP5	03:00 starting at 16:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-101 Rain: Drizzle Mist; Frost: None ; Snow: None	HG x 7 Travelling over site	JK
21/03/2019	Non Breeding	HH Roost Survey	HHVP 10	03:00 starting at 16:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	HG x 3 Travelling over site. Female SH Hunting on site.	JK
22/03/2019	Non Breeding	HH Roost Survey	HHVP 2	02:45 starting at 16:45	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK
30/03/2019	Non-Breeding	HH Roost Survey	HHVP 4	01:00 starting at 16:40	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	2 Buzzards seen soaring	TK
30/03/2019	Non-Breeding	HH Roost Survey	HHVP 4	01:00 starting at 17:40	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/03/2019	Non-Breeding	HH Roost Survey	HHVP 4	01:00 starting at 18:40	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Table 1-7 Winter Transect Survey Effort

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
03/10/2017	Non-Breeding	Winter Walkover		04:00 starting at 13:30	Wind Speed and Direction: Fresh Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	female K	JK
05/10/2017	Non-Breeding	Winter Walkover		04:00 starting at 13:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Male K and 3 SH	JK
20/12/2017	Non Breeding	Winter Walkover		03:00 starting at 11:45	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
21/12/2017	Non Breeding	Winter Walkover		03:00 starting at 12:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JK
24/01/2018	Non-Breeding	Winter Walkover		00:00 starting at 11:30	Wind Speed and Direction: Strong Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None		JK
28/01/2018	Non-Breeding	Winter Walkover		03:00 starting at 11:30	Wind Speed and Direction: Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None		JK
21/03/2018	Non Breeding	Winter Walkover		03:00 starting at 13:50	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
28/03/2018	Non Breeding	Winter Walkover		03:00 starting at 14:15	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK
02/10/2018	Non-Breeding	Winter Walkover	A	03:00 starting at 13:20	Wind Speed and Direction: Light Air, WNW; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None		CMc

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
02/10/2018	Non Breeding	Winter Walkover		03:00 starting at 13:30	Wind Speed and Direction: Strong Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JK
10/10/2018	Non-Breeding	Winter Walkover	B	03:00 starting at 13:30	Wind Speed and Direction: Moderate Breeze, SSE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 5 Rain: None; Frost: None ; Snow: None		CMc
11/10/2018	Non Breeding	Winter Walkover		03:00 starting at 13:30	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK
08/12/2018	Non-Breeding	Winter Walkover	Transect 1,2	00:42 starting at 08:30	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
08/12/2018	Non-Breeding	Winter Walkover	Transect 3,4	00:25 starting at 09:15	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
08/12/2018	Non-Breeding	Winter Walkover	Transect 5,6	00:30 starting at 09:40	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
08/12/2018	Non-Breeding	Winter Walkover	Transect 7	00:20 starting at 11:00	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
08/12/2018	Non-Breeding	Winter Walkover	Transect 8,9,10	01:25 starting at 11:45	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
22/12/2018	Winter	Winter Walkover		07:00 starting at 07:55	Wind Speed and Direction:, WSW; Visibility: ; Cloud Height: ; Cloud Cover %: 70 Rain: ; Frost: ; Snow:	Sunny during the morning. Very heavy rain for around 10 minutes and then dry again. Visibility good/average.	AM

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
11/01/2019	Non-Breeding	Winter Walkover	Transect 1,2	00:45 starting at 09:00	Wind Speed and Direction: Light Breeze, S; Visibility: Poor (<2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
11/01/2019	Non-Breeding	Winter Walkover	Transect 3,4	00:40 starting at 09:45	Wind Speed and Direction: Light Breeze, S; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
11/01/2019	Non-Breeding	Winter Walkover	Transect 5	00:20 starting at 10:30	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
11/01/2019	Non-Breeding	Winter Walkover	Transect 6,7	00:35 starting at 11:35	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
11/01/2019	Non-Breeding	Winter Walkover	Transect 8,9	00:35 starting at 12:20	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
11/01/2019	Non-Breeding	Winter Walkover	Transect 10,11	00:50 starting at 12:55	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
29/01/2019	Non Breeding	Winter Walkover		06:00 starting at 11:45	Wind Speed and Direction: Strong Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Heavy Showers; Frost: None ; Snow: None	Comment moved to confidential appendix due to sensitive species data	JK
04/03/2019	Non Breeding	Winter Walkover		06:30 starting at 11:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		JK
10/03/2019	Non-Breeding	Winter Walkover	Quadrat 1	01:00 starting at 09:00	Wind Speed and Direction: Fresh Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
10/03/2019	Non-Breeding	Winter Walkover	Quadrat 1	01:15 starting at 10:00	Wind Speed and Direction: Fresh Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
10/03/2019	Non-Breeding	Winter Walkover	Quadrat 2	00:45 starting at 12:05	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
10/03/2019	Non-Breeding	Winter Walkover	Quadrat 3	01:05 starting at 13:45	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK

2. APPENDIX 8-2 (NON-CORE SURVEY EFFORT)

Table 2-1 Additional Surveys (Vantage point) Survey Effort

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
18/04/2017	Breeding	Vantage Point Survey	VP4	01:00 starting at 08:00	Wind Speed and Direction: Calm, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 60 Rain: None; Frost: None ; Snow: None		JM
18/04/2017	Breeding	Vantage Point Survey	VP4	01:00 starting at 09:00	Wind Speed and Direction: Calm, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None		JM
18/04/2017	Breeding	Vantage Point Survey	VP4	01:00 starting at 10:00	Wind Speed and Direction: Calm, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 70 Rain: None; Frost: None ; Snow: None		JM
18/04/2017	Breeding	Vantage Point Survey	VP4	01:00 starting at 11:30	Wind Speed and Direction: Calm, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: None; Frost: None ; Snow: None		JM
18/04/2017	Breeding	Vantage Point Survey	VP4	01:00 starting at 12:30	Wind Speed and Direction: Calm, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 70 Rain: None; Frost: None ; Snow: None		JM
18/04/2017	Breeding	Vantage Point Survey	VP4	01:00 starting at 13:30	Wind Speed and Direction: Calm, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 60 Rain: None; Frost: None ; Snow: None		JM

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
20/04/2017	Breeding	Vantage Point Survey	VP5	01:00 starting at 12:30	Wind Speed and Direction: Calm, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None		JM
20/04/2017	Breeding	Vantage Point Survey	VP5	01:00 starting at 13:30	Wind Speed and Direction: Calm, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None		JM
20/04/2017	Breeding	Vantage Point Survey	VP5	01:00 starting at 14:30	Wind Speed and Direction: Calm, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None		JM
20/04/2017	Breeding	Vantage Point Survey	VP5	01:00 starting at 16:00	Wind Speed and Direction: Light Air, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None		JM
20/04/2017	Breeding	Vantage Point Survey	VP5	01:00 starting at 17:00	Wind Speed and Direction: Light Air, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None		JM
20/04/2017	Breeding	Vantage Point Survey	VP5	01:00 starting at 18:00	Wind Speed and Direction: Light Air, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None		JM
21/04/2017	Breeding	Vantage Point Survey	VP6	01:00 starting at 07:30	Wind Speed and Direction: Calm, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None		JM

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
21/04/2017	Breeding	Vantage Point Survey	VP6	01:00 starting at 08:30	Wind Speed and Direction: Calm, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None		JM
21/04/2017	Breeding	Vantage Point Survey	VP6	01:00 starting at 09:30	Wind Speed and Direction: Calm, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None		JM
21/04/2017	Breeding	Vantage Point Survey	VP6	01:00 starting at 11:00	Wind Speed and Direction: Calm, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 40 Rain: None; Frost: None ; Snow: None		JM
21/04/2017	Breeding	Vantage Point Survey	VP6	01:00 starting at 12:00	Wind Speed and Direction: Light Air, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None		JM
21/04/2017	Breeding	Vantage Point Survey	VP6	01:00 starting at 13:00	Wind Speed and Direction: Light Air, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None		JM
10/05/2017	Breeding	Vantage Point Survey	VP5	06:30 starting at 15:00	Wind Speed and Direction: Calm, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None		JM
11/05/2017	Breeding	Vantage Point Survey	VP6	06:30 starting at 08:00	Wind Speed and Direction: Calm, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None		JM

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
23/05/2017	Breeding	Vantage Point Survey	VP4	06:30 starting at 07:30	Wind Speed and Direction: Calm, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None		JM
19/06/2017	Breeding	Vantage Point Survey	VP4	06:30 starting at 08:00	Wind Speed and Direction: Calm, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JM
27/06/2017	Breeding	Vantage Point Survey	VP5	06:30 starting at 07:30	Wind Speed and Direction: Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JM
28/06/2017	Breeding	Vantage Point Survey	VP6	06:00 starting at 11:00	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JM
11/07/2017	Breeding	Vantage Point Survey	VP5	01:00 starting at 15:00	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Male & Female HH throughout the Survey	JM
11/07/2017	Breeding	Vantage Point Survey	VP5	01:00 starting at 16:00	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JM
11/07/2017	Breeding	Vantage Point Survey	VP5	01:00 starting at 17:00	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JM

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
11/07/2017	Breeding	Vantage Point Survey	VP5	01:00 starting at 19:00	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JM
11/07/2017	Breeding	Vantage Point Survey	VP5	01:00 starting at 20:00	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JM
11/07/2017	Breeding	Vantage Point Survey	VP5	01:00 starting at 21:00	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JM
12/07/2017	Breeding	Vantage Point Survey	VP6	01:00 starting at 09:30	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	Comment moved to confidential appendix due to sensitive species data. Also 1 Sparrowhawk on site	JM
12/07/2017	Breeding	Vantage Point Survey	VP6	01:00 starting at 10:30	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JM
12/07/2017	Breeding	Vantage Point Survey	VP6	01:00 starting at 11:30	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JM
12/07/2017	Breeding	Vantage Point Survey	VP6	01:00 starting at 14:30	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JM

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
12/07/2017	Breeding	Vantage Point Survey	VP6	01:00 starting at 15:30	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JM
12/07/2017	Breeding	Vantage Point Survey	VP6	01:00 starting at 16:30	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JM
13/07/2017	Breeding	Vantage Point Survey	VP4	01:00 starting at 09:00	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JM
13/07/2017	Breeding	Vantage Point Survey	VP4	01:00 starting at 10:00	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JM
13/07/2017	Breeding	Vantage Point Survey	VP4	01:00 starting at 11:00	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JM
13/07/2017	Breeding	Vantage Point Survey	VP4	01:00 starting at 13:00	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JM
13/07/2017	Breeding	Vantage Point Survey	VP4	01:00 starting at 14:00	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JM

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
13/07/2017	Breeding	Vantage Point Survey	VP4	01:00 starting at 15:00	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JM
19/09/2017	Non-breeding	Vantage Point Survey	VP6	01:00 starting at 14:13	Wind Speed and Direction: Light Breeze, s; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		PM
19/09/2017	Non-breeding	Vantage Point Survey	VP6	02:00 starting at 15:13	Wind Speed and Direction: Light Breeze, s; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		PM
19/09/2017	Non-breeding	Vantage Point Survey	VP6	03:00 starting at 17:43	Wind Speed and Direction: Light Breeze, s; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		PM
20/09/2017	Non-breeding	Vantage Point Survey	VP4	03:00 starting at 14:12	Wind Speed and Direction: Light Air, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		PM
20/09/2017	Non-breeding	Vantage Point Survey	VP4	02:00 starting at 17:42	Wind Speed and Direction: Light Air, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		PM
20/09/2017	Non-breeding	Vantage Point Survey	VP4	01:00 starting at 19:42	Wind Speed and Direction: Light Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		PM

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
21/09/2017	Non-breeding	Vantage Point Survey	VP5	03:00 starting at 14:10	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		PM
21/09/2017	Non-breeding	Vantage Point Survey	VP5	01:00 starting at 17:40	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		PM
21/09/2017	Non-breeding	Vantage Point Survey	VP5	02:00 starting at 18:40	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		PM
09/10/2017	Non Breeding	Vantage Point Survey	VP5	03:00 starting at 06:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	no targets	JK
09/10/2017	Non-Breeding	Vantage Point Survey	VP5	03:30 starting at 10:00	Wind Speed and Direction: Moderate Breeze, w-SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	no targets	JK
11/10/2017	Non-Breeding	Vantage Point Survey	VP6	03:00 starting at 06:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		JK
11/10/2017	Non-Breeding	Vantage Point Survey	VP6	03:00 starting at 10:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: ; Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
13/10/2017	Non-Breeding	Vantage Point Survey	VP4	03:00 starting at 06:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	no targets	JK
13/10/2017	Non-Breeding	Vantage Point Survey	VP4	03:00 starting at 10:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	no targets	JK
31/10/2017	Non Breeding	Vantage Point Survey	VP5	03:00 starting at 11:30	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	NOVEMBER SURVEY	JK
31/10/2017	Non Breeding	Vantage Point Survey	VP5	03:00 starting at 15:30	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	NOVEMBER SURVEY	JK
01/11/2017	Non Breeding	Vantage Point Survey	VP6	03:00 starting at 11:30	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JK
01/11/2017	Non Breeding	Vantage Point Survey	VP6	03:00 starting at 15:00	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JK
02/11/2017	Non Breeding	Vantage Point Survey	VP4	03:00 starting at 11:30	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
02/11/2017	Non Breeding	Vantage Point Survey	VP4	03:00 starting at 15:00	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
01/12/2017	Non Breeding	Vantage Point Survey	VP5	03:00 starting at 10:50	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	no targets	JK
01/12/2017	Non Breeding	Vantage Point Survey	VP5	03:00 starting at 14:20	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	no targets	JK
04/12/2017	Non Breeding	Vantage Point Survey	VP6	03:00 starting at 10:50	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	no targets	JK
04/12/2017	Non Breeding	Vantage Point Survey	VP6	03:00 starting at 14:20	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	no targets	JK
15/12/2017	Non Breeding	Vantage Point Survey	VP4	03:00 starting at 10:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: On site; Snow: None		JK
15/12/2017	Non Breeding	Vantage Point Survey	VP4	02:00 starting at 13:45	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: On site; Snow: None	1 hour lost due to bad weather	JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
08/01/2018	Non-Breeding	Vantage Point Survey	VP4	03:00 starting at 11:20	Wind Speed and Direction: Fresh Breeze, S-SE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: On site; Snow: None	no targets	JK
08/01/2018	Non-Breeding	Vantage Point Survey	VP4	03:00 starting at 14:20	Wind Speed and Direction: Strong Breeze, S-SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	no targets	JK
09/01/2018	Non-Breeding	Vantage Point Survey	VP5	03:00 starting at 11:15	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JK
09/01/2018	Non-Breeding	Vantage Point Survey	VP5	03:00 starting at 14:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	no hh	JK
16/02/2018	Non Breeding	Vantage Point Survey	VP4	03:45 starting at 07:15	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: On site; Snow: None	No targets	JK
16/02/2018	Non Breeding	Vantage Point Survey	VP4	03:00 starting at 10:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	No targets	JK
27/02/2018	Non - Breeding	Vantage Point Survey	VP5	01:00 starting at 06:45	Wind Speed and Direction: Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: On site; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
27/02/2018	Non - Breeding	Vantage Point Survey	VP5	01:00 starting at 07:45	Wind Speed and Direction: Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: On site; Snow: None		TK
27/02/2018	Non - Breeding	Vantage Point Survey	VP5	01:00 starting at 08:45	Wind Speed and Direction: Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: On site; Snow: None		TK
27/02/2018	Non - Breeding	Vantage Point Survey	VP5	01:00 starting at 10:15	Wind Speed and Direction: Moderate Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
27/02/2018	Non - Breeding	Vantage Point Survey	VP5	01:00 starting at 11:15	Wind Speed and Direction: Moderate Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Female Kestrel seen hunting.	TK
27/02/2018	Non - Breeding	Vantage Point Survey	VP5	01:00 starting at 12:15	Wind Speed and Direction: Moderate Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
08/03/2018	Non Breeding	Vantage Point Survey	VP4	03:00 starting at 12:45	Wind Speed and Direction: Fresh Breeze, W-NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	no targets	JK
08/03/2018	Non Breeding	Vantage Point Survey	VP4	03:00 starting at 16:20	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	no targets	JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
23/03/2018	Non Breeding	Vantage Point Survey	VP5	03:00 starting at 13:30	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	no targets	JK
23/03/2018	Non Breeding	Vantage Point Survey	VP5	03:00 starting at 16:50	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	no targets	JK
21/04/2018	Breeding	Vantage Point Survey	VP4	03:00 starting at 10:13	Wind Speed and Direction: Light Breeze, S; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: Cloud cover % Rain: None; Frost: None ; Snow: None	wind variable - WSW-SSE	PT
21/04/2018	Breeding	Vantage Point Survey	VP4	03:00 starting at 14:02	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 30-60 Rain: None; Frost: None ; Snow: None		PT
28/04/2018	Breeding	Vantage Point Survey	VP5	03:00 starting at 09:47	Wind Speed and Direction: Light Air, Variable; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50-99 Rain: Heavy Showers; Frost: None ; Snow: None		PT
28/04/2018	Breeding	Vantage Point Survey	VP5	03:00 starting at 13:17	Wind Speed and Direction: Light Air, Variable; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 75-99 Rain: Heavy Showers; Frost: None ; Snow: None		PT
29/04/2018	Breeding	Vantage Point Survey	VP 1	01:00 starting at 05:50	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
29/04/2018	Breeding	Vantage Point Survey	VP 1	01:00 starting at 06:50	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
29/04/2018	Breeding	Vantage Point Survey	VP 1	01:00 starting at 07:50	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Male Kestrel observed in flight	TK
29/04/2018	Breeding	Vantage Point Survey	VP 2	01:00 starting at 09:30	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
29/04/2018	Breeding	Vantage Point Survey	VP 2	01:00 starting at 10:30	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
29/04/2018	Breeding	Vantage Point Survey	VP 2	01:00 starting at 11:30	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
29/04/2018	Breeding	Vantage Point Survey	VP 3	01:00 starting at 13:00	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
29/04/2018	Breeding	Vantage Point Survey	VP 3	01:00 starting at 14:00	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
29/04/2018	Breeding	Vantage Point Survey	VP 3	01:00 starting at 15:00	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
10/05/2018	Breeding	Vantage Point Survey	VP4	01:00 starting at 15:30	Wind Speed and Direction: Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
10/05/2018	Breeding	Vantage Point Survey	VP4	01:00 starting at 16:30	Wind Speed and Direction: Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
10/05/2018	Breeding	Vantage Point Survey	VP4	01:00 starting at 17:30	Wind Speed and Direction: Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
10/05/2018	Breeding	Vantage Point Survey	VP4	01:00 starting at 19:00	Wind Speed and Direction: Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
10/05/2018	Breeding	Vantage Point Survey	VP4	01:00 starting at 20:00	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
10/05/2018	Breeding	Vantage Point Survey	VP4	01:00 starting at 21:00	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
15/05/2018	Breeding	Vantage Point Survey	VP 3	03:00 starting at 11:45	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	Three hours only	JK
17/05/2018	Breeding	Vantage Point Survey	VP5	01:00 starting at 15:30	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
17/05/2018	Breeding	Vantage Point Survey	VP5	01:00 starting at 16:30	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
17/05/2018	Breeding	Vantage Point Survey	VP5	01:00 starting at 17:30	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
17/05/2018	Breeding	Vantage Point Survey	VP5	01:00 starting at 19:00	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
17/05/2018	Breeding	Vantage Point Survey	VP5	01:00 starting at 20:00	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
17/05/2018	Breeding	Vantage Point Survey	VP5	01:00 starting at 21:00	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
18/05/2018	Breeding	Vantage Point Survey	VP 2	03:00 starting at 10:45	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK
18/05/2018	Breeding	Vantage Point Survey	VP 2	03:00 starting at 14:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK
22/05/2018	Breeding	Vantage Point Survey	VP 1	03:00 starting at 15:30	Wind Speed and Direction: Fresh Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	Three Hours	JK
22/05/2018	Breeding	Vantage Point Survey	VP 2	03:00 starting at 12:15	Wind Speed and Direction: Fresh Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	3 Hours	JK
24/05/2018	Breeding	Vantage Point Survey	VP 1	03:00 starting at 12:50	Wind Speed and Direction: Fresh Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JK
24/05/2018	Breeding	Vantage Point Survey	VP 1	03:00 starting at 16:00	Wind Speed and Direction: Fresh Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JK
29/05/2018	Breeding	Vantage Point Survey	VP 3	03:00 starting at 12:45	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
29/05/2018	Breeding	Vantage Point Survey	VP 3	03:00 starting at 16:00	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	J. observed on the way in	JK
12/06/2018	Breeding	Vantage Point Survey	VP 2	03:00 starting at 12:45	Wind Speed and Direction: Fresh Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	no targets	JK
12/06/2018	Breeding	Vantage Point Survey	VP 2	03:00 starting at 16:00	Wind Speed and Direction: Fresh Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	no targets	JK
14/06/2018	Breeding	Vantage Point Survey	VP5	03:00 starting at 08:30	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None		CMc
14/06/2018	Breeding	Vantage Point Survey	VP5	03:00 starting at 12:00	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None		CMc
14/06/2018	Breeding	Vantage Point Survey	VP 1	03:00 starting at 12:45	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	no targets	JK
14/06/2018	Breeding	Vantage Point Survey	VP 1	03:00 starting at 16:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	no targets	JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
15/06/2018	Breeding	Vantage Point Survey	VP4	03:00 starting at 08:30	Wind Speed and Direction: Gentle Breeze, WSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None		CMc
15/06/2018	Breeding	Vantage Point Survey	VP4	03:00 starting at 11:30	Wind Speed and Direction: Light Breeze, WSW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None		CMc
20/06/2018	Breeding	Vantage Point Survey	VP 3	03:00 starting at 10:15	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	no targets	JK
20/06/2018	Breeding	Vantage Point Survey	VP 3	03:00 starting at 14:15	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	no targets	JK
05/07/2018	Breeding	Vantage Point Survey	VP 1	03:00 starting at 12:30	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Turf Cutting on site; no regard for nesting birds. MP in particular.	JK
05/07/2018	Breeding	Vantage Point Survey	VP 1	03:00 starting at 16:00	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK
06/07/2018	Breeding	Vantage Point Survey	VP 5	01:00 starting at 09:55	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
06/07/2018	Breeding	Vantage Point Survey	VP 5	01:00 starting at 10:55	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
06/07/2018	Breeding	Vantage Point Survey	VP 5	01:00 starting at 11:55	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
06/07/2018	Breeding	Vantage Point Survey	VP 5	01:00 starting at 13:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
06/07/2018	Breeding	Vantage Point Survey	VP 5	01:00 starting at 14:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
06/07/2018	Breeding	Vantage Point Survey	VP 5	01:00 starting at 15:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
07/07/2018	Breeding	Vantage Point Survey	VP 4	01:00 starting at 08:50	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
07/07/2018	Breeding	Vantage Point Survey	VP 4	01:00 starting at 09:50	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
07/07/2018	Breeding	Vantage Point Survey	VP 4	01:00 starting at 10:50	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
07/07/2018	Breeding	Vantage Point Survey	VP 4	01:00 starting at 12:25	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
07/07/2018	Breeding	Vantage Point Survey	VP 4	01:00 starting at 13:25	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
07/07/2018	Breeding	Vantage Point Survey	VP 4	01:00 starting at 14:25	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
10/07/2018	Breeding	Vantage Point Survey	VP 2	03:00 starting at 12:30	Wind Speed and Direction: Moderate Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JK
10/07/2018	Breeding	Vantage Point Survey	VP 2	03:00 starting at 16:00	Wind Speed and Direction: Moderate Breeze, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JK
31/07/2018	Breeding	Vantage Point Survey	VP 3	03:00 starting at 12:10	Wind Speed and Direction: Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
31/07/2018	Breeding	Vantage Point Survey	VP 3	02:30 starting at 15:30	Wind Speed and Direction: Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JK
10/08/2018	Breeding	Vantage Point Survey	VP5	03:00 starting at 10:30	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None		CMc
10/08/2018	Breeding	Vantage Point Survey	VP5	03:00 starting at 14:00	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: Light Showers; Frost: None ; Snow: None		CMc
14/08/2018	Breeding	Vantage Point Survey	VP 2	03:00 starting at 10:15	Wind Speed and Direction: Gentle Breeze, WSW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Some mist in final hour. No targets	CMc
14/08/2018	Breeding	Vantage Point Survey	VP 2	03:00 starting at 13:45	Wind Speed and Direction: Gentle Breeze, W; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Some mist in first hour. No targets	CMc
14/08/2018	Breeding	Vantage Point Survey	VP 2	03:00 starting at 10:15	Wind Speed and Direction: Gentle Breeze, WSW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Some mist in final hour. No targets	CMc
14/08/2018	Breeding	Vantage Point Survey	VP 2	03:00 starting at 13:45	Wind Speed and Direction: Gentle Breeze, W; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Some mist in final hour. No targets	CMc

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
15/08/2018	Breeding	Vantage Point Survey	VP 1	03:00 starting at 10:30	Wind Speed and Direction: Gentle Breeze, WSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	no targets	CMc
15/08/2018	Breeding	Vantage Point Survey	VP 1	03:00 starting at 14:00	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: None; Frost: None ; Snow: None	no targets	CMc
15/08/2018	Breeding	Vantage Point Survey	VP 1	03:00 starting at 10:30	Wind Speed and Direction: Gentle Breeze, WSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	no targets	CMc
15/08/2018	Breeding	Vantage Point Survey	VP 1	03:00 starting at 14:00	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: None; Frost: None ; Snow: None	no targets	CMc
16/08/2018	Breeding	Vantage Point Survey	VP4	03:00 starting at 10:30	Wind Speed and Direction: Moderate Breeze, WNW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: Light Showers; Frost: None ; Snow: None		CMc
16/08/2018	Breeding	Vantage Point Survey	VP4	03:00 starting at 14:00	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: Light Showers; Frost: None ; Snow: None		CMc
17/08/2018	Breeding	Vantage Point Survey	VP 3	03:00 starting at 10:30	Wind Speed and Direction: Light Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	no targets	CMc

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
17/08/2018	Breeding	Vantage Point Survey	VP 3	03:00 starting at 14:00	Wind Speed and Direction: Light Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	no targets	CMc
17/08/2018	Breeding	Vantage Point Survey	VP 3	03:00 starting at 10:30	Wind Speed and Direction: Light Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	no targets	CMc
17/08/2018	Breeding	Vantage Point Survey	VP 3	03:00 starting at 14:00	Wind Speed and Direction: Light Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	no targets	CMc
12/09/2018	Non-Breeding	Vantage Point Survey	VP4	03:00 starting at 06:05	Wind Speed and Direction: Calm, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: Light Showers; Frost: None ; Snow: None	No Targets	CMc
12/09/2018	Non-Breeding	Vantage Point Survey	VP4	03:00 starting at 09:35	Wind Speed and Direction: Calm, WSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: None; Frost: None ; Snow: None	No Targets	CMc
18/09/2018	Non-breeding	Vantage Point Survey	VP 2	03:00 starting at 06:15	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 90 Rain: None; Frost: None ; Snow: None	No Targets	CMc
18/09/2018	Non-breeding	Vantage Point Survey	VP 2	03:00 starting at 09:45	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: Light Showers; Frost: None ; Snow: None	No Targets	CMc

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
20/09/2018	Non-breeding	Vantage Point Survey	VP 1	03:00 starting at 06:15	Wind Speed and Direction: Calm, SSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	No Targets	CMc
20/09/2018	Non-breeding	Vantage Point Survey	VP 1	03:00 starting at 09:45	Wind Speed and Direction: Calm, SSE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Rain; Frost: None ; Snow: None	No Targets - Rain was persistent but light enough to not reduce visibility too much	CMc
22/09/2018	Non-breeding	Vantage Point Survey	VP 3	03:00 starting at 06:20	Wind Speed and Direction: Calm, SSE; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Rain; Frost: None ; Snow: None		CMc
22/09/2018	Non-breeding	Vantage Point Survey	VP 3	03:00 starting at 09:50	Wind Speed and Direction: Calm, ESE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None		CMc
25/09/2018	Non-Breeding	Vantage Point Survey	VP5	03:00 starting at 06:25	Wind Speed and Direction: Light Air, SSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Heavy showers during first hour	CMc
25/09/2018	Non-Breeding	Vantage Point Survey	VP5	03:00 starting at 09:55	Wind Speed and Direction: Light Air, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None		CMc
04/10/2018	Non Breeding	Vantage Point Survey	VP 1	06:00 starting at 13:45	Wind Speed and Direction: Fresh Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
09/10/2018	Non-Breeding	Vantage Point Survey	VP5	03:00 starting at 13:25	Wind Speed and Direction: Gentle Breeze, SSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None		CMc
09/10/2018	Non-Breeding	Vantage Point Survey	VP5	03:00 starting at 16:55	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None		CMc
09/10/2018	Non Breeding	Vantage Point Survey	VP 2	06:15 starting at 13:30	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
16/10/2018	Non-Breeding	Vantage Point Survey	VP4	03:00 starting at 13:10	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 60 Rain: None; Frost: None ; Snow: None		CMc
16/10/2018	Non-Breeding	Vantage Point Survey	VP4	03:00 starting at 16:40	Wind Speed and Direction: Light Air, WSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: None; Frost: None ; Snow: None		CMc
18/10/2018	Non Breeding	Vantage Point Survey	VP 3	06:15 starting at 13:30	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JK
01/11/2018	Non Breeding	Vantage Point Survey	VP 1	06:30 starting at 06:45	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	no targets	JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
08/11/2018	Non Breeding	Vantage Point Survey	VP 2	06:30 starting at 06:45	Wind Speed and Direction: Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	no targets	JK
15/11/2018	Non Breeding	Vantage Point Survey	VP 3	06:20 starting at 06:40	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	no targets	JK
26/11/2018	Non Breeding	Vantage Point Survey	VP4	06:30 starting at 07:20	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	MS,HH	JK
30/11/2018	Non Breeding	Vantage Point Survey	VP5	06:30 starting at 07:15	Wind Speed and Direction: Strong Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None		JK
02/12/2018	Non-Breeding	Vantage Point Survey	VP 5	01:00 starting at 07:30	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
02/12/2018	Non-Breeding	Vantage Point Survey	VP 5	01:00 starting at 08:30	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	Female Kestrel hunting	TK
02/12/2018	Non-Breeding	Vantage Point Survey	VP 5	01:00 starting at 09:30	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	Female Kestrel hunting	TK
02/12/2018	Non-Breeding	Vantage Point Survey	VP 5	01:00 starting at 11:00	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
02/12/2018	Non-Breeding	Vantage Point Survey	VP 5	01:00 starting at 12:00	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
02/12/2018	Non-Breeding	Vantage Point Survey	VP 5	01:00 starting at 13:00	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
06/12/2018	Winter	Vantage Point Survey	VP 1	07:00 starting at 07:45	Wind Speed and Direction:, WSW; Visibility: ; Cloud Height: ; Cloud Cover %: 100 Rain: ; Frost: ; Snow:	Alot of rain throughout the day. Bad visibility around 10am until 11am.	AM
07/12/2018	Winter	Vantage Point Survey	VP 2	07:00 starting at 07:45	Wind Speed and Direction:, W ; Visibility: ; Cloud Height: ; Cloud Cover %: 100 Rain: ; Frost: ; Snow:	Very windy all day. Heavy showers of hail and rain.	AM
13/12/2018	Winter	Vantage Point Survey	VP 3	07:00 starting at 07:50	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 100 Rain: ; Frost: ; Snow:	Drizzle all day with some low cloud cover at times. Visibility average, good at certain times but not for very long.	AM
14/12/2018	Non-Breeding	Vantage Point Survey	VP 4	01:00 starting at 07:40	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
14/12/2018	Non-Breeding	Vantage Point Survey	VP 4	01:00 starting at 08:40	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
14/12/2018	Non-Breeding	Vantage Point Survey	VP 4	01:00 starting at 09:40	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
14/12/2018	Non-Breeding	Vantage Point Survey	VP 4	01:00 starting at 11:10	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
14/12/2018	Non-Breeding	Vantage Point Survey	VP 4	01:00 starting at 12:10	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	Male Hen Harrier seen hunting.	TK
14/12/2018	Non-Breeding	Vantage Point Survey	VP 4	01:00 starting at 13:10	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	Male Kestrel seen in flight.	TK
03/01/2019	Non Breeding	Vantage Point Survey	VP 1	06:30 starting at 11:00	Wind Speed and Direction: Strong Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
11/01/2019	Non Breeding	Vantage Point Survey	VP 3	06:30 starting at 11:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None		JK
14/01/2019	Non-Breeding	Vantage Point Survey	VP 4	01:00 starting at 10:45	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Flock of 45 Golden Plover seen.	TK
14/01/2019	Non-Breeding	Vantage Point Survey	VP 4	01:00 starting at 11:45	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	8 Golden Plover seen.	TK
14/01/2019	Non-Breeding	Vantage Point Survey	VP 4	01:00 starting at 12:45	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
14/01/2019	Non-Breeding	Vantage Point Survey	VP 4	01:00 starting at 14:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m;		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
					Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		
14/01/2019	Non-Breeding	Vantage Point Survey	VP 4	01:00 starting at 15:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
14/01/2019	Non-Breeding	Vantage Point Survey	VP 4	01:00 starting at 16:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
16/01/2019	Non-Breeding	Vantage Point Survey	VP 5	01:00 starting at 10:50	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
16/01/2019	Non-Breeding	Vantage Point Survey	VP 5	01:00 starting at 11:50	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
16/01/2019	Non-Breeding	Vantage Point Survey	VP 5	01:00 starting at 12:50	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
16/01/2019	Non-Breeding	Vantage Point Survey	VP 5	01:00 starting at 14:35	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
16/01/2019	Non-Breeding	Vantage Point Survey	VP 5	01:00 starting at 15:35	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		TK
16/01/2019	Non-Breeding	Vantage Point Survey	VP 5	01:00 starting at 16:35	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	2 Snipe observed in flight.	TK
30/01/2019	Non Breeding	Vantage Point Survey	VP 2	06:30 starting at 11:30	Wind Speed and Direction: Strong Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: Light Showers; Frost: None ; Snow: None		JK
04/02/2019	Non Breeding	Vantage Point Survey	VP5	03:00 starting at 11:45	Wind Speed and Direction: Strong Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	no targets	JoeK
04/02/2019	Non Breeding	Vantage Point Survey	VP5	03:00 starting at 15:15	Wind Speed and Direction: Strong Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	no targets	JoeK
11/02/2019	Non Breeding	Vantage Point Survey	VP4	03:00 starting at 12:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	no targets	JoeK
11/02/2019	Non Breeding	Vantage Point Survey	VP4	02:00 starting at 15:30	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Snipe incidentals. No targets	JoeK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
11/02/2019	Non Breeding	Vantage Point Survey	VP4	01:00 starting at 17:30	Wind Speed and Direction: Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	no targets	JoeK
13/02/2019	Non-breeding	Vantage Point Survey	VP 3	06:30 starting at 12:00	Wind Speed and Direction: Strong Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	no targets. Snipe incidentals	JoeK
22/02/2019	Non-breeding	Vantage Point Survey	VP 1	06:30 starting at 12:30	Wind Speed and Direction: Moderate Gale, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	no targets.	JoeK
26/02/2019	Non-breeding	Vantage Point Survey	VP 2	06:30 starting at 12:35	Wind Speed and Direction: Strong Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JoeK
06/03/2019	Non-Breeding	Vantage Point Survey	VP 1	01:00 starting at 06:55	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
06/03/2019	Non-Breeding	Vantage Point Survey	VP 1	01:00 starting at 07:55	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
06/03/2019	Non-Breeding	Vantage Point Survey	VP 1	01:00 starting at 08:55	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
06/03/2019	Non-Breeding	Vantage Point Survey	VP 1	01:00 starting at 10:30	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
06/03/2019	Non-Breeding	Vantage Point Survey	VP 1	01:00 starting at 11:30	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
06/03/2019	Non-Breeding	Vantage Point Survey	VP 1	01:00 starting at 12:30	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: ; Cloud Cover %: Rain: None; Frost: None ; Snow: None	Sparrowhawk seen in flight	TK
08/03/2019	Non-Breeding	Vantage Point Survey	VP 3	01:00 starting at 06:45	Wind Speed and Direction: Gentle Breeze, S; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
08/03/2019	Non-Breeding	Vantage Point Survey	VP 3	01:00 starting at 07:45	Wind Speed and Direction: Gentle Breeze, S; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
08/03/2019	Non-Breeding	Vantage Point Survey	VP 3	01:00 starting at 08:45	Wind Speed and Direction: Moderate Breeze, S; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
08/03/2019	Non-Breeding	Vantage Point Survey	VP 3	01:00 starting at 10:15	Wind Speed and Direction: Moderate Breeze, S; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
08/03/2019	Non-Breeding	Vantage Point Survey	VP 3	01:00 starting at 11:15	Wind Speed and Direction: Fresh Breeze, S; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
08/03/2019	Non-Breeding	Vantage Point Survey	VP 3	01:00 starting at 12:15	Wind Speed and Direction: Fresh Breeze, S; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
09/03/2019	Non-Breeding	Vantage Point Survey	VP 2	01:00 starting at 06:45	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
09/03/2019	Non-Breeding	Vantage Point Survey	VP 2	01:00 starting at 07:45	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
09/03/2019	Non-Breeding	Vantage Point Survey	VP 2	01:00 starting at 08:45	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
09/03/2019	Non-Breeding	Vantage Point Survey	VP 2	01:00 starting at 10:15	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
09/03/2019	Non-Breeding	Vantage Point Survey	VP 2	01:00 starting at 11:15	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Male Hen Harrier seen in flight	TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
09/03/2019	Non-Breeding	Vantage Point Survey	VP 2	01:00 starting at 12:15	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
11/03/2019	Non Breeding	Vantage Point Survey	VP4	06:30 starting at 06:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: Light Showers; Frost: None ; Snow: None	SN X 3 flushed on the way in.	JK
11/03/2019	Non Breeding	Vantage Point Survey	VP4	06:30 starting at 06:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: Light Showers; Frost: None ; Snow: None	SN X 3 flushed on the way in.	JK
20/03/2019	Non Breeding	Vantage Point Survey	VP5	06:30 starting at 05:45	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JK
20/03/2019	Non Breeding	Vantage Point Survey	VP5	06:30 starting at 05:45	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JK

Table 2-2 Additional Surveys (Breeding Walkover) Survey Effort

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
11/04/2017	Breeding	B&S Breeding Walkover		05:00 starting at 10:00	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: <150m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None		JM
17/04/2017	Breeding	B&S Breeding Walkover		05:00 starting at 09:00	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: <150m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None		JM
08/05/2017	Breeding	B&S Breeding Walkover		05:00 starting at 08:00	Wind Speed and Direction: Light Air, SE; Visibility: Good (>2km); Cloud Height: 150- 500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JM
09/05/2017	Breeding	B&S Breeding Walkover		05:30 starting at 08:00	Wind Speed and Direction: Calm, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JM
20/06/2017	Breeding	B&S Breeding Walkover		07:00 starting at 07:30	Wind Speed and Direction: Light Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JM
21/06/2017	Breeding	B&S Breeding Walkover		07:00 starting at 07:30	Wind Speed and Direction: Calm, SE; Visibility: Good (>2km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JM
25/07/2017	Breeding	B&S Breeding Walkover		01:00 starting at 08:00	Wind Speed and Direction: Light Air, SE; Visibility: Moderate (1-2km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Male & Female HH	JM

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
25/07/2017	Breeding	B&S Breeding Walkover		01:00 starting at 09:00	Wind Speed and Direction: Light Air, SE; Visibility: Moderate (1-2km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JM
25/07/2017	Breeding	B&S Breeding Walkover		01:00 starting at 10:00	Wind Speed and Direction: Light Air, SE; Visibility: Moderate (1-2km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JM
25/07/2017	Breeding	B&S Breeding Walkover		01:00 starting at 12:00	Wind Speed and Direction: Light Air, SE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JM
25/07/2017	Breeding	B&S Breeding Walkover		01:00 starting at 13:00	Wind Speed and Direction: Light Air, SE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JM
25/07/2017	Breeding	B&S Breeding Walkover		01:00 starting at 14:00	Wind Speed and Direction: Light Air, SE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JM
26/07/2017	Breeding	B&S Breeding Walkover		01:00 starting at 08:00	Wind Speed and Direction: Light Breeze, Sw; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	Male & Female HH. Male Kestrel. 1 Grey Heron. 2 Mallard	JM
26/07/2017	Breeding	B&S Breeding Walkover		01:00 starting at 09:00	Wind Speed and Direction: Light Breeze, Sw; Visibility: Moderate (1-2km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JM

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
26/07/2017	Breeding	B&S Breeding Walkover		01:00 starting at 10:00	Wind Speed and Direction: Light Breeze, Sw; Visibility: Good (>2km); Cloud Height: 150- 500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JM
26/07/2017	Breeding	B&S Breeding Walkover		01:00 starting at 12:00	Wind Speed and Direction: Light Breeze, Sw; Visibility: Good (>2km); Cloud Height: 150- 500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JM
26/07/2017	Breeding	B&S Breeding Walkover		01:00 starting at 13:00	Wind Speed and Direction: Light Breeze, Sw; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JM
26/07/2017	Breeding	B&S Breeding Walkover		01:00 starting at 14:00	Wind Speed and Direction: Light Breeze, Sw; Visibility: Good (>2km); Cloud Height: 150- 500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JM
06/04/2018	Breeding	B&S Breeding Walkover	Quadrat 1	01:00 starting at 09:00	Wind Speed and Direction: Strong Breeze, SE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		TK
06/04/2018	Breeding	B&S Breeding Walkover	Quadrat 2	01:20 starting at 10:00	Wind Speed and Direction: Strong Breeze, SE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	Male Hen Harrier seen briefly in Flight.	TK
06/04/2018	Breeding	B&S Breeding Walkover	Quadrat 3	00:40 starting at 11:20	Wind Speed and Direction: Strong Breeze, SE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
06/04/2018	Breeding	B&S Breeding Walkover	Quadrat 4	00:45 starting at 12:30	Wind Speed and Direction: Strong Breeze, S; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
13/04/2018	Breeding	B&S Breeding Walkover	Quadrat 5	01:00 starting at 09:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
13/04/2018	Breeding	B&S Breeding Walkover	Quadrat 6	01:10 starting at 10:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
13/04/2018	Breeding	B&S Breeding Walkover	Quadrat 7	01:30 starting at 12:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
22/04/2018	Breeding	B&S Breeding Walkover	Quadrat 1	01:00 starting at 09:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
22/04/2018	Breeding	B&S Breeding Walkover	CBC IN FORESTED AREAS	01:00 starting at 10:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None		TK
22/04/2018	Breeding	B&S Breeding Walkover	CBC IN FORESTED AREAS	00:45 starting at 11:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
22/04/2018	Breeding	B&S Breeding Walkover	Quadrat 2	00:45 starting at 12:15	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
22/04/2018	Breeding	B&S Breeding Walkover	Quadrat 3	00:30 starting at 13:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
22/04/2018	Breeding	B&S Breeding Walkover	Quadrat 4	00:35 starting at 13:40	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None		TK
22/04/2018	Breeding	B&S Breeding Walkover	Quadrat 5	00:20 starting at 14:25	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
03/05/2018	Breeding	B&S Breeding Walkover	Quadrat 1	01:00 starting at 11:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
03/05/2018	Breeding	B&S Breeding Walkover	Quadrat 2	01:30 starting at 12:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	Male Hen Harrier seen in flight.	TK
03/05/2018	Breeding	B&S Breeding Walkover	Quadrat 3	00:40 starting at 13:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
03/05/2018	Breeding	B&S Breeding Walkover	Quadrat 4	00:50 starting at 14:40	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
04/05/2018	Breeding	B&S Breeding Walkover	Quadrat 5	00:45 starting at 09:15	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
04/05/2018	Breeding	B&S Breeding Walkover	Quadrat 6	01:00 starting at 10:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
04/05/2018	Breeding	B&S Breeding Walkover	Quadrat 7	01:30 starting at 12:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
04/05/2018	Breeding	B&S Breeding Walkover	cbc surveys	01:30 starting at 14:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/05/2018	Breeding	B&S Breeding Walkover	Quadrat 1	01:00 starting at 08:30	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/05/2018	Breeding	B&S Breeding Walkover	CBC IN FORESTED AREAS	01:00 starting at 09:30	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
30/05/2018	Breeding	B&S Breeding Walkover	CBC IN FORESTED AREAS	01:00 starting at 10:30	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/05/2018	Breeding	B&S Breeding Walkover	Quadrat 2	00:45 starting at 12:15	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/05/2018	Breeding	B&S Breeding Walkover	Quadrat 3	00:40 starting at 13:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/05/2018	Breeding	B&S Breeding Walkover	Quadrat 4	00:35 starting at 13:40	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/05/2018	Breeding	B&S Breeding Walkover	Quadrat 5	00:30 starting at 14:25	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
19/06/2018	Breeding	B&S Breeding Walkover		06:00 starting at 12:30	Wind Speed and Direction: Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	No target species recorded	JK
21/06/2018	Breeding	B&S Breeding Walkover	A	05:00 starting at 11:30	Wind Speed and Direction: Light Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None		CMc

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
25/06/2018	Breeding	B&S Breeding Walkover	B	02:00 starting at 08:30	Wind Speed and Direction: Calm, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None		CMc
26/06/2018	Breeding	B&S Breeding Walkover	B	01:00 starting at 10:45	Wind Speed and Direction: Light Air, ENE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 5 Rain: None; Frost: None ; Snow: None		CMc
03/07/2018	Breeding	B&S Breeding Walkover		06:30 starting at 12:30	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JK
12/07/2018	Breeding	B&S Breeding Walkover	Quadrat 5	00:40 starting at 09:50	Wind Speed and Direction: Moderate Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
12/07/2018	Breeding	B&S Breeding Walkover	Quadrat 7	00:50 starting at 10:50	Wind Speed and Direction: Moderate Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
12/07/2018	Breeding	B&S Breeding Walkover	cbc surveys	00:30 starting at 11:55	Wind Speed and Direction: Moderate Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
14/07/2018	Breeding	B&S Breeding Walkover	Quadrat 1	00:40 starting at 09:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
14/07/2018	Breeding	B&S Breeding Walkover	Quadrat 2	00:50 starting at 10:10	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
14/07/2018	Breeding	B&S Breeding Walkover	Quadrat 3	00:40 starting at 11:20	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
14/07/2018	Breeding	B&S Breeding Walkover	Quadrat 4	01:00 starting at 12:40	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK

Table 2-3 Additional Surveys (Breeding Raptor) Survey Effort

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
23/04/2017	Breeding	Breeding Raptor Survey		06:00 starting at 08:30	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None		JM
24/04/2017	Breeding	Breeding Raptor Survey		06:00 starting at 08:30	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 70 Rain: None; Frost: None ; Snow: None		JM
29/04/2017	Breeding	Breeding Raptor Survey		06:30 starting at 09:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None		JM
10/05/2017	Breeding	Breeding Raptor Survey	RVP(A)	03:00 starting at 12:00	wind speed and direction:Light Breeze, W; visibility: Good (>2km); Rain: None; Frost: None ; Snow: None		DM
10/05/2017	Breeding	Breeding Raptor Survey	RVP(B)	03:00 starting at 16:00	wind speed and direction:Light Breeze, W; visibility: Good (>2km); Rain: None; Frost: None ; Snow: None		DM
11/05/2017	Breeding	Breeding Raptor Survey	RVPC	03:00 starting at 09:45	wind speed and direction:Light Breeze, E; visibility: Good (>2km); Rain: None; Frost: None ; Snow: None		DM
11/05/2017	Breeding	Breeding Raptor Survey	RVPD	03:00 starting at 13:30	wind speed and direction:Light Breeze, E; visibility: Good (>2km); Rain: ; Frost: None ; Snow: None		DM
12/05/2017	Breeding	Breeding Raptor Survey	RVPE	03:00 starting at 09:30	wind speed and direction:Light Breeze, SW; visibility: Good (>2km); Rain: None; Frost: None ; Snow: None		DM

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
12/05/2017	Breeding	Breeding Raptor Survey	RVPF	03:00 starting at 13:45	wind speed and direction:Light Breeze, SW; visibility: Good (>2km); Rain: None; Frost: None ; Snow: None		DM
07/06/2017	Breeding	Breeding Raptor Survey	RVPE	01:00 starting at 10:00	wind speed and direction:Gentle Breeze, SE; visibility: Good (>2km); Rain: None; Frost: None ; Snow: None		DM
07/06/2017	Breeding	Breeding Raptor Survey	RVPE	01:00 starting at 11:00	wind speed and direction:Gentle Breeze, SE; visibility: Good (>2km); Rain: Light Showers; Frost: ; Snow: None		DM
07/06/2017	Breeding	Breeding Raptor Survey	RVPE	01:00 starting at 12:00	wind speed and direction:Gentle Breeze, SE; visibility: Good (>2km); Rain: Heavy Showers; Frost: None ; Snow: None		DM
07/06/2017	Breeding	Breeding Raptor Survey	RVPD	01:00 starting at 13:35	wind speed and direction:Gentle Breeze, SE; visibility: Good (>2km); Rain: Light Showers; Frost: None ; Snow: None		DM
07/06/2017	Breeding	Breeding Raptor Survey	RVPD	02:00 starting at 14:35	wind speed and direction:Gentle Breeze, SE; visibility: Good (>2km); Rain: Heavy Showers; Frost: None ; Snow: None		DM
08/06/2017	Breeding	Breeding Raptor Survey	RVPA	02:00 starting at 08:50	wind speed and direction:Light Breeze, W; visibility: Good (>2km); Rain: Light Showers; Frost: None ; Snow: None		DM
08/06/2017	Breeding	Breeding Raptor Survey	RVPA	01:00 starting at 10:50	wind speed and direction:Gentle Breeze, W; visibility: Good (>2km); Rain: None; Frost: None ; Snow: None		DM
08/06/2017	Breeding	Breeding Raptor Survey	RVPB	01:00 starting at 12:50	wind speed and direction:Light Breeze, W; visibility: Good (>2km); Rain: Heavy Showers; Frost: None ; Snow: None		DM

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
08/06/2017	Breeding	Breeding Raptor Survey	RVPB	01:00 starting at 13:50	wind speed and direction:Light Breeze, W; visibility: Good (>2km); Rain: None; Frost: None ; Snow: None		DM
08/06/2017	Breeding	Breeding Raptor Survey	RVPB	01:00 starting at 14:50	wind speed and direction:Gentle Breeze, W; visibility: Good (>2km); Rain: None; Frost: None ; Snow: None		DM
09/06/2017	Breeding	Breeding Raptor Survey	RVPC	03:00 starting at 09:00	wind speed and direction:Light Breeze, SW; visibility: Good (>2km); Rain: None; Frost: None ; Snow: None		DM
09/06/2017	Breeding	Breeding Raptor Survey	RVPF	03:00 starting at 12:30	wind speed and direction:Light Breeze, SW; visibility: Good (>2km); Rain: None; Frost: None ; Snow: None		DM
05/07/2017	Breeding	Breeding Raptor Survey	RVPE	03:00 starting at 12:00	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 3 Rain: None; Frost: None ; Snow: None		DM
05/07/2017	Breeding	Breeding Raptor Survey	RVPC	03:00 starting at 15:30	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 3 Rain: None; Frost: None ; Snow: None		DM
06/07/2017	Breeding	Breeding Raptor Survey	RVPB	01:00 starting at 09:00	Wind Speed and Direction: Calm, ; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 3 Rain: Light Showers; Frost: None ; Snow: None		DM
06/07/2017	Breeding	Breeding Raptor Survey	RVPB	02:00 starting at 10:00	Wind Speed and Direction: Calm, ; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 3 Rain: None; Frost: None ; Snow: None		DM

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
06/07/2017	Breeding	Breeding Raptor Survey	RVPA	01:00 starting at 12:30	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 3 Rain: None; Frost: None ; Snow: None		DM
06/07/2017	Breeding	Breeding Raptor Survey	RVPA	01:00 starting at 13:30	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 3 Rain: Drizzle Mist; Frost: None ; Snow: None		DM
06/07/2017	Breeding	Breeding Raptor Survey	RVPA	01:00 starting at 14:30	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 3 Rain: Light Showers; Frost: None ; Snow: None		DM
07/07/2017	Breeding	Breeding Raptor Survey	RVPF	01:00 starting at 09:45	Wind Speed and Direction: Light Air, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 3 Rain: Drizzle Mist; Frost: None ; Snow: None		DM
07/07/2017	Breeding	Breeding Raptor Survey	RVPF	02:00 starting at 10:45	Wind Speed and Direction: Light Air, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 3 Rain: None; Frost: None ; Snow: None		DM
07/07/2017	Breeding	Breeding Raptor Survey	RVPD	01:00 starting at 13:15	Wind Speed and Direction: Light Air, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 3 Rain: None; Frost: None ; Snow: None		DM
07/07/2017	Breeding	Breeding Raptor Survey	RVPD	02:00 starting at 14:15	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 3 Rain: None; Frost: None ; Snow: None		DM

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
07/04/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 09:00	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
07/04/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 10:00	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
07/04/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 11:00	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
07/04/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 12:30	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	Male Kestrel seen hunting.	TK
07/04/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 13:30	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		TK
07/04/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 14:30	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
07/04/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 16:00	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
14/04/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 09:00	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
14/04/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 10:00	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
14/04/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 11:00	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
14/04/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 12:30	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
14/04/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 13:30	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
14/04/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 14:30	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
15/04/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 09:00	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
15/04/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 10:00	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
15/04/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 11:00	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
15/04/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 12:30	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
15/04/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 13:30	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
15/04/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 14:30	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
15/04/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 15:30	Wind Speed and Direction: Fresh Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
22/04/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 15:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
22/04/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 16:20	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None		TK
22/04/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 17:20	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
22/04/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 18:20	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
05/05/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 09:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: ; Cloud Height: ; Cloud Cover %: Rain: ; Frost: ; Snow:		
05/05/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 10:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
05/05/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 11:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
05/05/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 12:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
05/05/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 13:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
05/05/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 14:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
05/05/2018	Breeding	Breeding Raptor Survey	Area 1	00:50 starting at 16:00	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
07/05/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 09:10	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
07/05/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 10:10	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
07/05/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 11:10	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
07/05/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 12:40	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
07/05/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 13:40	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
07/05/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 14:40	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
08/05/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 09:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
08/05/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 10:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
08/05/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 11:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
08/05/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 12:30	Wind Speed and Direction: Fresh Breeze, w; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
08/05/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 13:30	Wind Speed and Direction: Fresh Breeze, w; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
08/05/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 14:30	Wind Speed and Direction: Fresh Breeze, w; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
08/05/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 15:30	Wind Speed and Direction: Fresh Breeze, w; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
30/05/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 15:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/05/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 16:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/05/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 17:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/05/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 18:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
09/06/2018	Breeding	Breeding Raptor Survey	Area 1	01:15 starting at 10:00	Wind Speed and Direction:, NW; Visibility: ; Cloud Height: ; Cloud Cover %: 0-33 Rain: ; Frost: ; Snow:	No Raptors seen.	TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
09/06/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 11:35	Wind Speed and Direction:, NW; Visibility: ; Cloud Height: ; Cloud Cover %: 0-33 Rain: ; Frost: ; Snow:		TK
09/06/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 12:35	Wind Speed and Direction:, NW; Visibility: ; Cloud Height: ; Cloud Cover %: 0-33 Rain: ; Frost: ; Snow:		TK
09/06/2018	Breeding	Breeding Raptor Survey	VP1	01:30 starting at 14:05	Wind Speed and Direction:, NW; Visibility: ; Cloud Height: ; Cloud Cover %: 0-33 Rain: ; Frost: ; Snow:	Male Kestrel observed hunting	TK
25/06/2018	Breeding	Breeding Raptor Survey	1	03:00 starting at 11:00	Wind Speed and Direction: Calm, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None		CMc
26/06/2018	Breeding	Breeding Raptor Survey	2	03:00 starting at 12:00	Wind Speed and Direction: Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 5 Rain: None; Frost: None ; Snow: None		CMc
26/06/2018	Breeding	Breeding Raptor Survey	3	02:00 starting at 15:00	Wind Speed and Direction: Light Air, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 1 Rain: None; Frost: None ; Snow: None		CMc
27/06/2018	Breeding	Breeding Raptor Survey	4	03:00 starting at 10:30	Wind Speed and Direction: Calm, ENE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 5 Rain: None; Frost: None ; Snow: None		CMc
27/06/2018	Breeding	Breeding Raptor Survey	5	03:00 starting at 13:30	Wind Speed and Direction: Light Air, ENE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 5 Rain: None; Frost: None ; Snow: None		CMc

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
29/06/2018	Breeding	Breeding Raptor Survey	6	03:00 starting at 06:00	Wind Speed and Direction: Calm, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0 Rain: None; Frost: None ; Snow: None		CMc
29/06/2018	Breeding	Breeding Raptor Survey	W1	01:00 starting at 09:00	Wind Speed and Direction: Calm, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0 Rain: None; Frost: None ; Snow: None		CMc
04/07/2018	Breeding	Breeding Raptor Survey	Area 1 VP 1	01:30 starting at 07:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
04/07/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 09:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
04/07/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 10:00	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
04/07/2018	Breeding	Breeding Raptor Survey	Area 1 VP 2	01:00 starting at 11:40	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
04/07/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 12:40	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
04/07/2018	Breeding	Breeding Raptor Survey	Area 1 VP 3	01:00 starting at 13:40	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m;		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
					Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		
04/07/2018	Breeding	Breeding Raptor Survey	Area 1	01:00 starting at 14:40	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
05/07/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 08:15	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
05/07/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 09:15	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
05/07/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 10:15	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
05/07/2018	Breeding	Breeding Raptor Survey	Area 2 VP 1	01:30 starting at 12:00	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
05/07/2018	Breeding	Breeding Raptor Survey	Area 2	01:00 starting at 13:30	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
05/07/2018	Breeding	Breeding Raptor Survey	Area 2 VP 2	01:30 starting at 14:30	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
09/07/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 08:10	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
09/07/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 09:10	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
09/07/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 10:10	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
09/07/2018	Breeding	Breeding Raptor Survey	Area 3 VP 1	01:30 starting at 11:40	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
09/07/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 13:40	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK
09/07/2018	Breeding	Breeding Raptor Survey	Area 3	01:00 starting at 14:40	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
09/07/2018	Breeding	Breeding Raptor Survey		06:30 starting at 07:30	Wind Speed and Direction: Moderate Breeze, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No Raptors seen.	JK

Table 2-4 Additional Surveys (Breeding Woodcock) Survey Effort

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
19/06/2017	Breeding	Breeding Woodcock Survey		01:50 starting at 21:00	Wind Speed and Direction: Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	No Woodcock Seen or Heard	JM
08/06/2018	Breeding	Breeding Woodcock Survey	VP1	01:00 starting at 21:00	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 0-33 Rain: ; Frost: ; Snow:	No Woodcock seen or heard	TK
08/06/2018	Breeding	Breeding Woodcock Survey	VP1	01:00 starting at 22:00	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 0-33 Rain: ; Frost: ; Snow:	No Woodcock seen or heard	TK
15/06/2018	Breeding	Breeding Woodcock Survey	Cahermurphy East	02:05 starting at 21:00	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 85 Rain: ; Frost: ; Snow:	no wk	AM
30/06/2018	Breeding	Breeding Woodcock Survey	VP2	01:00 starting at 21:00	Wind Speed and Direction:, NW; Visibility: ; Cloud Height: ; Cloud Cover %: 0-33 Rain: ; Frost: ; Snow:	No Woodcock seen or heard	TK
30/06/2018	Breeding	Breeding Woodcock Survey	VP2	01:10 starting at 22:00	Wind Speed and Direction:, NW; Visibility: ; Cloud Height: ; Cloud Cover %: 0-33 Rain: ; Frost: ; Snow:	No Woodcock seen or heard	TK

Table 2-5 Additional Surveys (Red Grouse) Survey Effort

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
23/03/2019	Non-breeding	Red Grouse Survey	A	00:45 starting at 08:45	Wind Speed and Direction: Calm, N/A; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP
23/03/2019	Non-breeding	Red Grouse Survey	B	00:30 starting at 09:42	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP
23/03/2019	Non-breeding	Red Grouse Survey	C	00:27 starting at 10:52	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP
23/03/2019	Non-breeding	Red Grouse Survey	D	00:31 starting at 12:02	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP
23/03/2019	Non-breeding	Red Grouse Survey	E	00:40 starting at 13:03	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP
23/03/2019	Non-breeding	Red Grouse Survey	F	00:42 starting at 14:00	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP
23/03/2019	Non-breeding	Red Grouse Survey	G	00:14 starting at 15:47	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP
23/03/2019	Non-breeding	Red Grouse Survey	H	00:15 starting at 16:30	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP
23/03/2019	Non-breeding	Red Grouse Survey	I	00:15 starting at 17:00	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
23/03/2019	Non-breeding	Red Grouse Survey	J	00:18 starting at 17:30	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP
23/03/2019	Non-breeding	Red Grouse Survey	K	00:13 starting at 18:04	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP
23/03/2019	Non-breeding	Red Grouse Survey	L	00:25 starting at 18:25	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Humid/muggy	CP

Table 2-6 Additional Surveys (Hen Harrier Roost) Survey Effort

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
10/10/2017	Non-Breeding	Hen Harrier Roost Survey	HHVP7	02:30 starting at 16:30	Wind Speed and Direction: Fresh Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JK
12/10/2017	Non-Breeding	Hen Harrier Roost Survey	HHVP8	02:30 starting at 16:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JK
23/10/2017	Non-Breeding	Hen Harrier Roost Survey	HHVP9	03:00 starting at 16:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
08/11/2017	Non Breeding	Hen Harrier Roost Survey	9	03:00 starting at 15:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JK
15/11/2017	Non Breeding	Hen Harrier Roost Survey	8	03:00 starting at 14:45	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK
23/11/2017	Non Breeding	Hen Harrier Roost Survey	7	03:00 starting at 14:30	Wind Speed and Direction: Gentle Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK
05/12/2017	Non Breeding	Hen Harrier Roost Survey	HHVP7	03:00 starting at 14:20	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	K, hunting on site. SH, hunting on site.	JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
08/12/2017	Non Breeding	Hen Harrier Roost Survey	HHVP9	03:00 starting at 14:15	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: Light Showers; Frost: On site; Snow: None	Comment moved to confidential appendix due to sensitive species information	JK
12/12/2017	Non Breeding	Hen Harrier Roost Survey	HHVP8	03:00 starting at 14:20	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		JK
18/12/2017	Non Breeding	Hen Harrier Roost Survey	HHVP3	03:00 starting at 14:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None		JK
02/01/2018	Non-Breeding	Hen Harrier Roost Survey	7	02:30 starting at 14:30	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	no hh	JK
24/01/2018	Non-Breeding	Hen Harrier Roost Survey	8	02:35 starting at 15:00	Wind Speed and Direction: Strong Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	no hh	JK
30/01/2018	Non-Breeding	Hen Harrier Roost Survey	9	03:00 starting at 14:45	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	no hh	JK
07/03/2018	Non Breeding	Hen Harrier Roost Survey	HHVP7	02:45 starting at 16:15	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	NO HH	JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
14/03/2018	Non Breeding	Hen Harrier Roost Survey	HHVP9	03:00 starting at 16:00	Wind Speed and Direction: Strong Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	NO HH	JK
20/03/2018	Non Breeding	Hen Harrier Roost Survey	HHVP8	01:05 starting at 18:45	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	NO HH	JK
02/10/2018	Non Breeding	Hen Harrier Roost Survey	HHVP 4	02:30 starting at 17:00	Wind Speed and Direction: Strong Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	Comment moved to confidential appendix due to sensitive species information	JK
11/10/2018	Non Breeding	Hen Harrier Roost Survey	HHVP 1	03:00 starting at 17:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK
17/10/2018	Non-Breeding	Hen Harrier Roost Survey	3	03:00 starting at 16:40	Wind Speed and Direction: Light Air, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None	No HH observations	CMc
18/10/2018	Non-Breeding	Hen Harrier Roost Survey	9	03:00 starting at 16:35	Wind Speed and Direction: Calm, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 80 Rain: None; Frost: None ; Snow: None	No HH observations	CMc
23/10/2018	Non Breeding	Hen Harrier Roost Survey	HHVP 2	03:00 starting at 16:00	Wind Speed and Direction: Strong Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
25/10/2018	Non Breeding	Hen Harrier Roost Survey	HHVP 3	03:00 starting at 16:00	Wind Speed and Direction: Strong Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
30/10/2018	Non-Breeding	Hen Harrier Roost Survey	8	03:00 starting at 15:10	Wind Speed and Direction: Calm, WNW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: None; Frost: None ; Snow: None	No HH observations - Heavy showers during first hour	CMc
31/10/2018	Non-Breeding	Hen Harrier Roost Survey	7	03:00 starting at 15:10	Wind Speed and Direction: Calm, NNW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None	No HH observations	CMc
01/11/2018	Non Breeding	Hen Harrier Roost Survey	HHVP 4	02:45 starting at 15:00	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow:	no targets	JK
08/11/2018	Non Breeding	Hen Harrier Roost Survey	HHVP 1	02:45 starting at 15:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	No HH Recorded	JK
20/11/2018	Non Breeding	Hen Harrier Roost Survey	7	03:00 starting at 14:15	Wind Speed and Direction: Strong Breeze, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None		JK
21/11/2018	Non Breeding	Hen Harrier Roost Survey	HHVP 2	03:00 starting at 14:10	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	No HH Recorded	JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
22/11/2018	Non Breeding	Hen Harrier Roost Survey	3	03:00 starting at 14:20	Wind Speed and Direction: Fresh Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK
26/11/2018	Non Breeding	Hen Harrier Roost Survey	9	03:00 starting at 14:20	Wind Speed and Direction: Strong Breeze, SE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None		JK
27/11/2018	Non Breeding	Hen Harrier Roost Survey	HHVP 3	03:00 starting at 14:10	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	No HH Recorded	JK
29/11/2018	Non Breeding	Hen Harrier Roost Survey	8	03:00 starting at 14:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	Comment moved to confidential appendix due to sensitive species information	JK
02/12/2018	Non-Breeding	Hen Harrier Roost Survey	HHVP3	01:00 starting at 14:25	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	No Hen Harrier or target species seen.	TK
02/12/2018	Non-Breeding	Hen Harrier Roost Survey	HHVP3	01:00 starting at 15:25	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	No Hen Harrier or target species seen.	TK
02/12/2018	Non-Breeding	Hen Harrier Roost Survey	HHVP3	01:00 starting at 16:25	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	No Hen Harrier or target species seen.	TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
04/12/2018	Non-Breeding	Hen Harrier Roost Survey	HHVP9	01:00 starting at 14:15	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:	Male Kestrel seen hunting.	TK
04/12/2018	Non-Breeding	Hen Harrier Roost Survey	HHVP9	01:00 starting at 15:15	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
04/12/2018	Non-Breeding	Hen Harrier Roost Survey	HHVP9	01:00 starting at 16:15	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
05/12/2018	Non-Breeding	Hen Harrier Roost Survey	HHVP7	01:00 starting at 14:15	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
05/12/2018	Non-Breeding	Hen Harrier Roost Survey	HHVP7	01:00 starting at 15:15	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
05/12/2018	Non-Breeding	Hen Harrier Roost Survey	HHVP7	01:00 starting at 16:15	Wind Speed and Direction:, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
13/12/2018	Non Breeding	Hen Harrier Roost Survey	HHVP 1	02:45 starting at 14:15	Wind Speed and Direction: Strong Breeze, SE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
14/12/2018	Non-Breeding	Hen Harrier Roost Survey	HHVP8	01:00 starting at 14:30	Wind Speed and Direction: SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
14/12/2018	Non-Breeding	Hen Harrier Roost Survey	HHVP8	01:00 starting at 15:30	Wind Speed and Direction: SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
14/12/2018	Non-Breeding	Hen Harrier Roost Survey	HHVP8	00:50 starting at 16:30	Wind Speed and Direction: SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
19/12/2018	Non Breeding	Hen Harrier Roost Survey	HHVP 2	03:00 starting at 14:10	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JK
20/12/2018	Non Breeding	Hen Harrier Roost Survey	HHVP 4	03:00 starting at 14:00	Wind Speed and Direction: Moderate Gale, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: ; Frost: None ; Snow: None		JK
21/12/2018	Non Breeding	Hen Harrier Roost Survey	HHVP 3	03:00 starting at 14:00	Wind Speed and Direction: Fresh Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK
12/01/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 7	01:00 starting at 14:20	Wind Speed and Direction: Gentle Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
12/01/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 7	01:00 starting at 15:20	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
12/01/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 7	01:00 starting at 16:20	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
13/01/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 3	01:00 starting at 14:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
13/01/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 3	01:00 starting at 15:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
13/01/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 3	01:00 starting at 16:30	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
15/01/2019	Non Breeding	Hen Harrier Roost Survey	HHVP 3	03:00 starting at 14:30	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	TU *10 present on Doo Lough. GP*100+flock Circling over site near lough at 15:09, Headed West. ML female on site 15:25/15:50 Perched then flew west.	JK
16/01/2019	Non Breeding	Hen Harrier	HHVP 1	03:10 starting at 14:30	Wind Speed and Direction: Strong Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud	No HH Recorded	JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
		Roost Survey			Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None		
17/01/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 8	01:00 starting at 14:30	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
17/01/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 8	01:00 starting at 15:30	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
17/01/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 8	01:00 starting at 16:30	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
20/01/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 9	01:00 starting at 14:40	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
20/01/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 9	01:00 starting at 15:40	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
20/01/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 9	01:00 starting at 16:40	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
23/01/2019	Non Breeding	Hen Harrier Roost Survey	HHVP 2	03:00 starting at 14:40	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	No HH Recorded	JK
24/01/2019	Non Breeding	Hen Harrier Roost Survey	HHVP 4	03:00 starting at 14:45	Wind Speed and Direction: Strong Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	No HH Recorded	JK
01/02/2019	Non-breeding	Hen Harrier Roost Survey	HHVP 4	03:00 starting at 15:00	Wind Speed and Direction: Strong Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JoeK
04/02/2019	Non-breeding	Hen Harrier Roost Survey	HHVP 3	02:15 starting at 07:15	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JoeK
05/02/2019	Non-breeding	Hen Harrier Roost Survey	HHVP 1	03:03 starting at 15:15	Wind Speed and Direction: Moderate Gale, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JoeK
07/02/2019	Non-breeding	Hen Harrier Roost Survey	HHVP 2	03:00 starting at 15:15	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JoeK
08/02/2019	Non Breeding	Hen Harrier Roost Survey	9	02:00 starting at 15:00	Wind Speed and Direction: Moderate Gale, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	no HH	JoeK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
08/02/2019	Non Breeding	Hen Harrier Roost Survey	9	01:00 starting at 17:00	Wind Speed and Direction: Moderate Gale, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	no HH	JoeK
14/02/2019	Non Breeding	Hen Harrier Roost Survey	3	02:00 starting at 15:30	Wind Speed and Direction: Strong Breeze, SE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	no HH	JoeK
14/02/2019	Non Breeding	Hen Harrier Roost Survey	3	00:50 starting at 17:30	Wind Speed and Direction: Strong Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	no HH	JoeK
15/02/2019	Non Breeding	Hen Harrier Roost Survey	7	02:00 starting at 15:30	Wind Speed and Direction: Strong Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	no HH	JoeK
15/02/2019	Non Breeding	Hen Harrier Roost Survey	7	01:00 starting at 17:30	Wind Speed and Direction: Strong Breeze, S; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	no HH	JoeK
21/02/2019	Non Breeding	Hen Harrier Roost Survey	8	02:00 starting at 16:00	Wind Speed and Direction: Moderate Gale, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	no HH	JoeK
21/02/2019	Non Breeding	Hen Harrier Roost Survey	8	00:45 starting at 18:00	Wind Speed and Direction: Moderate Gale, S; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	no HH	JoeK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
06/03/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 3	01:00 starting at 16:10	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
06/03/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 3	01:00 starting at 17:10	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
06/03/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 3	01:00 starting at 18:10	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
08/03/2019	Non Breeding	Hen Harrier Roost Survey	8	02:30 starting at 16:30	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Male SH hunting on site. 3x RN on site	JK
08/03/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 2	01:00 starting at 16:10	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
08/03/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 2	01:00 starting at 17:10	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
08/03/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 2	01:00 starting at 18:10	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
09/03/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 1	01:00 starting at 16:15	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
09/03/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 1	01:00 starting at 17:15	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
09/03/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 1	01:00 starting at 18:15	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK
13/03/2019	Non Breeding	Hen Harrier Roost Survey	9	03:00 starting at 16:15	Wind Speed and Direction: Moderate Gale, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	Female K. hunting on site.	JK
14/03/2019	Non Breeding	Hen Harrier Roost Survey	3	03:05 starting at 16:15	Wind Speed and Direction: Moderate Gale, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None		JK
20/03/2019	Non Breeding	Hen Harrier Roost Survey	7	02:50 starting at 16:40	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JK
30/03/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 4	01:00 starting at 16:40	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	2 Buzzards seen soaring	TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
30/03/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 4	01:00 starting at 17:40	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
30/03/2019	Non-Breeding	Hen Harrier Roost Survey	HHVP 4	01:00 starting at 18:40	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK

Table 2-7 Additional Surveys (Winter Walkover) Survey Effort

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
10/10/2017	Non-breeding	Winter Walkover		04:00 starting at 13:30	Wind Speed and Direction: Fresh Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
12/10/2017	Non-breeding	Winter Walkover		04:00 starting at 13:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		JK
05/12/2017	Non Breeding	Winter Walkover		03:00 starting at 10:45	Wind Speed and Direction: Gentle Breeze, SW; Visibility: No Visibility; Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		JK
11/12/2017	Non Breeding	Winter Walkover		03:00 starting at 10:45	Wind Speed and Direction: Fresh Breeze, NW; Visibility: No Visibility; Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Goshawk female IG 71485. SN X3	JK
16/01/2018	Non-Breeding	Winter Walkover		03:00 starting at 11:30	Wind Speed and Direction: Strong Breeze, W-NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Heavy Showers; Frost: None ; Snow: None	no maps	JK
30/01/2018	Non-Breeding	Winter Walkover		03:00 starting at 11:45	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	no maps	JK
07/03/2018	Non Breeding	Winter Walkover		03:00 starting at 12:45	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK
20/03/2018	Non Breeding	Winter Walkover		03:00 starting at 13:45	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None		JK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
02/10/2018	Non Breeding	Winter Walkover		03:00 starting at 13:30	Wind Speed and Direction: Strong Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		JK
11/10/2018	Non Breeding	Winter Walkover		03:00 starting at 13:30	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK
17/10/2018	Non-Breeding	Winter Walkover	C	03:00 starting at 13:30	Wind Speed and Direction: Light Air, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 15 Rain: None; Frost: None ; Snow: None		CMc
18/10/2018	Non-Breeding	Winter Walkover	D	03:00 starting at 13:25	Wind Speed and Direction: Calm, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None		CMc
04/12/2018	Non-Breeding	Winter Walkover	Transect 1,2	00:45 starting at 08:40	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 33-66 Rain: ; Frost: ; Snow:		TK
04/12/2018	Non-Breeding	Winter Walkover	Transect 3,4	00:45 starting at 09:35	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 33-66 Rain: ; Frost: ; Snow:		TK
04/12/2018	Non-Breeding	Winter Walkover	Transect 5,6	00:40 starting at 11:00	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
04/12/2018	Non-Breeding	Winter Walkover	Transect 7,8	00:40 starting at 11:40	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK
04/12/2018	Non-Breeding	Winter Walkover	Transect 9,	00:20 starting at 12:45	Wind Speed and Direction:, SE; Visibility: ; Cloud Height: ; Cloud Cover %: 66-100 Rain: ; Frost: ; Snow:		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
22/12/2018	Winter	Winter Walkover		07:00 starting at 07:55	Wind Speed and Direction:, WSW; Visibility: ; Cloud Height: ; Cloud Cover %: 70 Rain: ; Frost: ; Snow:	Sunny during the morning. Very heavy rain for around 10 minutes and then dry again. Visibility good/average.	AM
20/01/2019	Non-Breeding	Winter Walkover	Transect 1,2	00:45 starting at 08:40	Wind Speed and Direction: Moderate Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
20/01/2019	Non-Breeding	Winter Walkover	Transect 3,4	00:45 starting at 09:35	Wind Speed and Direction: Moderate Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
20/01/2019	Non-Breeding	Winter Walkover	Transect 5,6	00:40 starting at 11:00	Wind Speed and Direction: Moderate Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
20/01/2019	Non-Breeding	Winter Walkover	Transect 7,8	00:40 starting at 11:40	Wind Speed and Direction: Fresh Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
20/01/2019	Non-Breeding	Winter Walkover	Transect 9,	00:20 starting at 12:45	Wind Speed and Direction: Fresh Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		TK
29/01/2019	Non-Breeding	Winter Walkover		06:00 starting at 11:45	Wind Speed and Direction: Strong Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Heavy Showers; Frost: None ; Snow: None	Comment moved to confidential appendix due to sensitive species information	JK
05/03/2019	Non-Breeding	Winter Walkover		06:30 starting at 09:30	Wind Speed and Direction: Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None		JK
10/03/2019	Non-Breeding	Winter Walkover	Quadrat 1	01:00 starting at 09:00	Wind Speed and Direction: Fresh Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK

Date	Season	Survey Method	VP/ transect/ area number	Survey Duration	Weather Conditions	Comments	Surveyor
10/03/2019	Non-Breeding	Winter Walkover	Quadrat 1	01:15 starting at 10:00	Wind Speed and Direction: Fresh Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None		TK
10/03/2019	Non-Breeding	Winter Walkover	Quadrat 2	00:45 starting at 12:05	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None		TK
10/03/2019	Non-Breeding	Winter Walkover	Quadrat 3	01:05 starting at 13:45	Wind Speed and Direction: Fresh Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None		TK