

Wildlife Recording Report

Billund Airport EKBI

October 2017



Aims and Methods

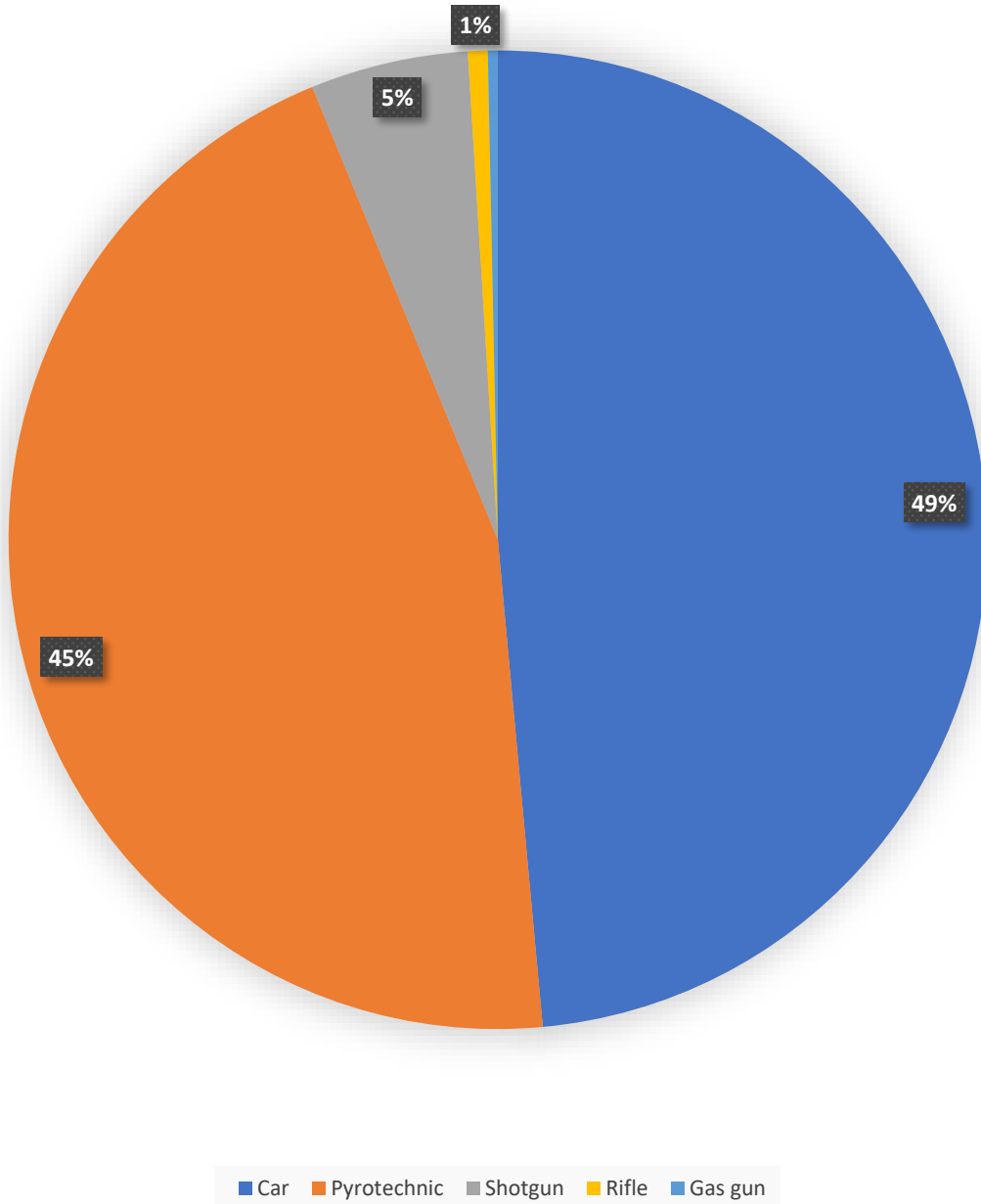
The data in this report is imported from the Ascend Recording application used by the Bird Control Unit (BCU) at Billund Airport.

Species	Recordings	Count	Deterred	Individuals				Actions					Shots			Kills		Total
				Flying	Resting	Feeding	Cross over	Car	Gas gun	Pyrotechnic	Rifle	Shotgun	Pyrotechnic	Shotgun	Rifle	Shotgun	Rifle	
Partridge	2	6	6	4	2			1		1			2					
Gray Hereon	1	1	1		1					1			2					
Greylag goose	3	46	6	6			40			1	1		1		1		0	0
Black-headed gull	2	2	1		1		1					1		1		1		1
Hare	27	34	29		27	2	5	18		3		1	6	2		1		1
Cat	1	500	500	500				1										
Mute Swan	1	3					3											
Crow	136	336	296	195	100	1	40	57		54	1		88		1		1	1
Lark	2	13	13	13						2			2					
Buzzard	25	37	34	24	8	2	3	10		11		1	27	2		1		1
Rook	63	1199	1006	748	258		193	36		18			34					
Woodpigeon	8	8	8	2	6			5	1			2		2		2		2
Lesser black-backed gull	5	12	10	10			2	1		2		1	4	2		1		1
Magpie	3	4	4	4	4		3	3		2			7					
Herring gull	3	7	4	4	4		3	3		2			7					
Starling	19	509	509	244	225	40		4		11		4	18	9		11		11
Mew gull	5	13	7	1	6		6			1		2	1	4		2		2
Swallow	4	80	80	40	40					4			9					
Kestrel	45	47	47	40	7			13		28		4	55	6		1		1
Grand Total	355	2857	2561	1835	689	45	299	152	1	141	2	16	263	28	2	20	1	21

Table 1 Overview of species and deterrent actions

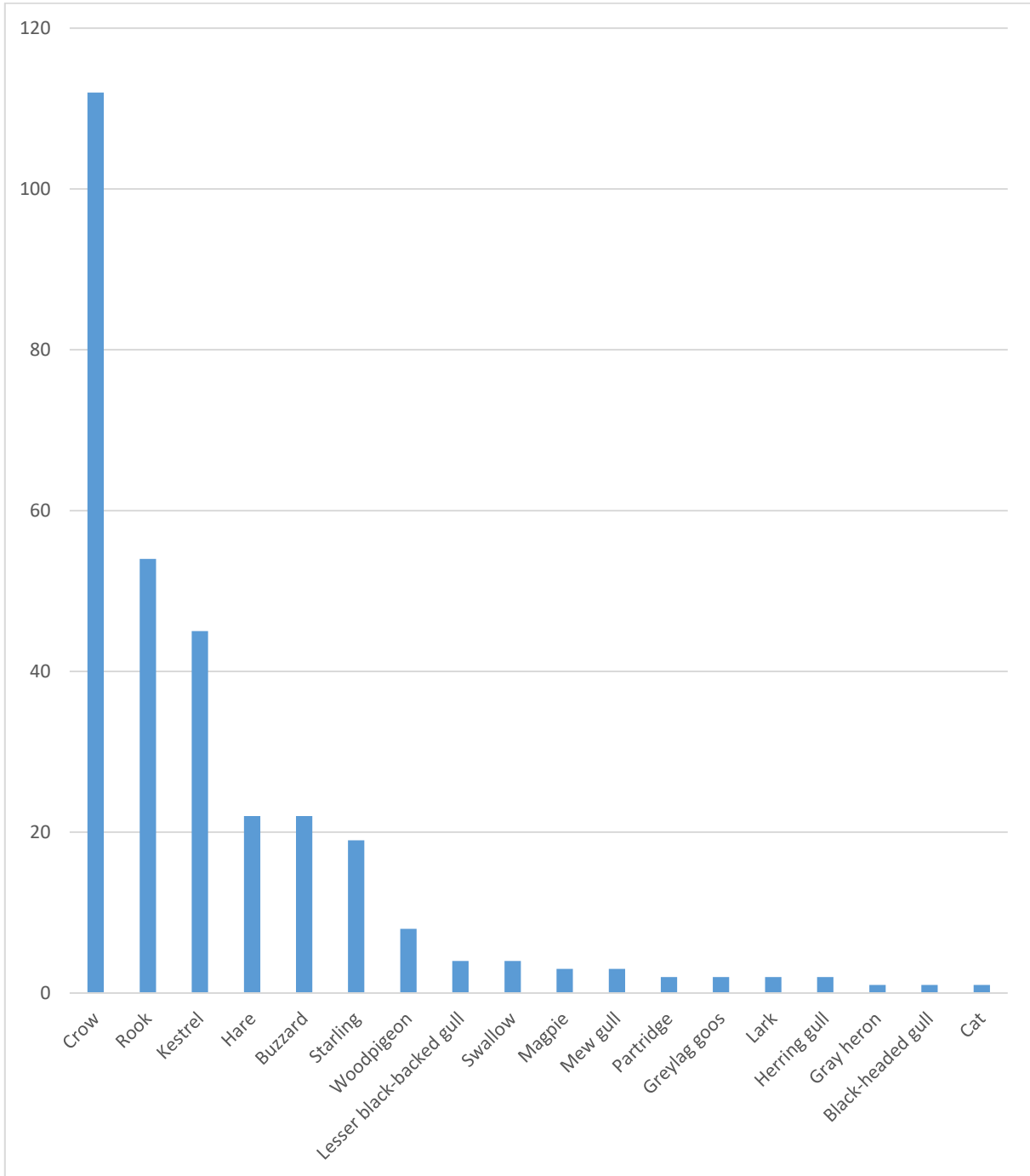
Deterrent
measures
used

Figure 1. Overview of deterrent actions used to disperse birds during October 2017.



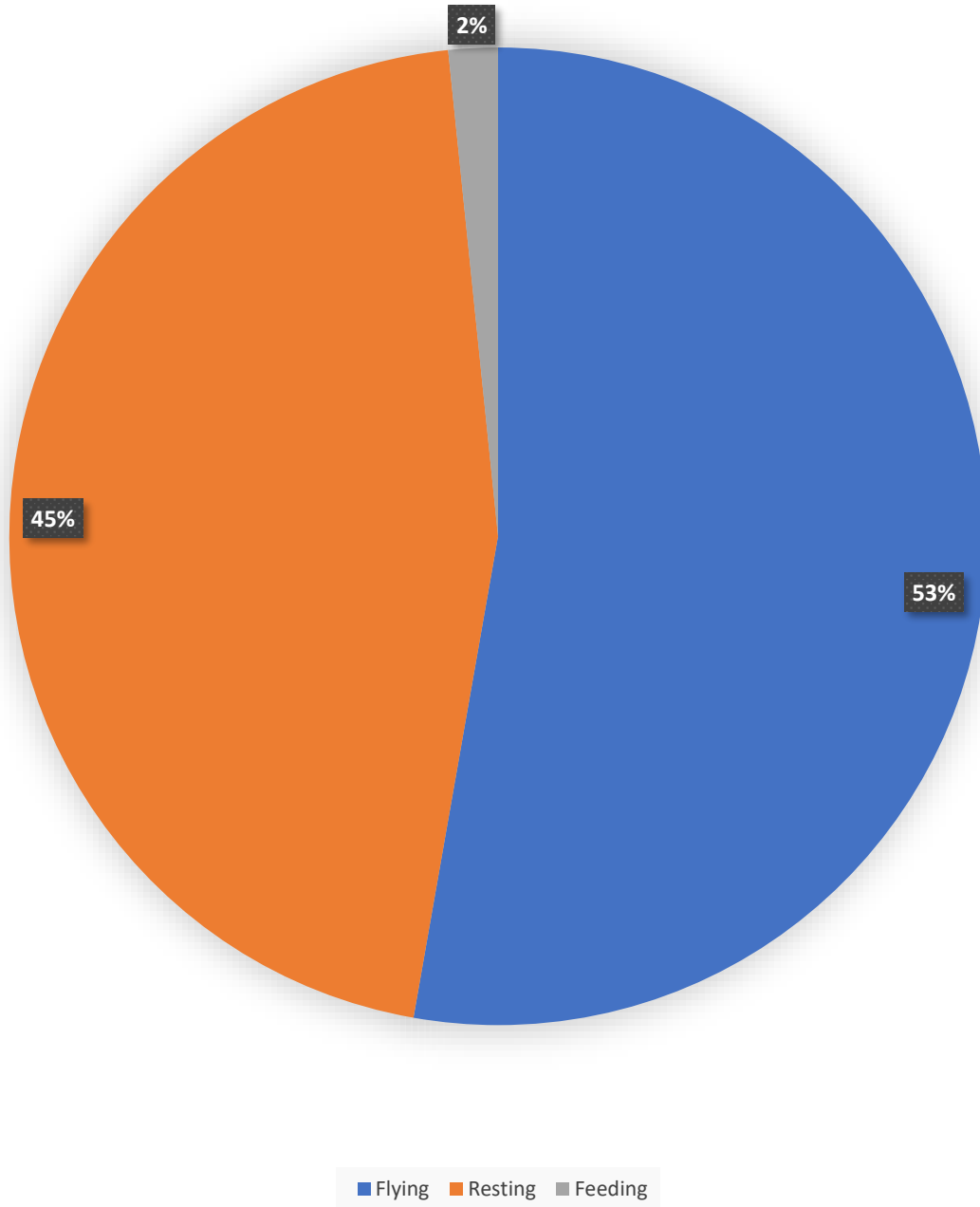
Wildlife species & deterrent actions

Figure 2. Number of actions per wildlife species.



Wildlife activity & deterrent actions

Figure 3. Overview of wildlife activities involved in deterrent actions during October 2017.



Pyro-Cartridge use

Table 2A. Mean number of cartridges used per deterrent action for each species.

Species	Pyrotechnic actions	Pyrotechnic shots	Average number of pyro cartridges per action
Partridge	1	2	2
Gray Hereon	1	2	2
Greylag goose	1	1	1
Black-headed gull			
Hare	3	6	2
Cat			
Mute Swan			
Crow	54	88	1.6
Lark	2	2	1
Buzzard	11	27	2.5
Rook	18	34	1.9
Woodpigeon			
Lesser black-backed gull	2	4	2
Magpie			
Herring gull	2	7	3.5
Starling	11	18	1.6
Mew gull	1	1	2
Swallow	4	9	2.2
Kestrel	28	55	2
Grand Total	139	256	1.8

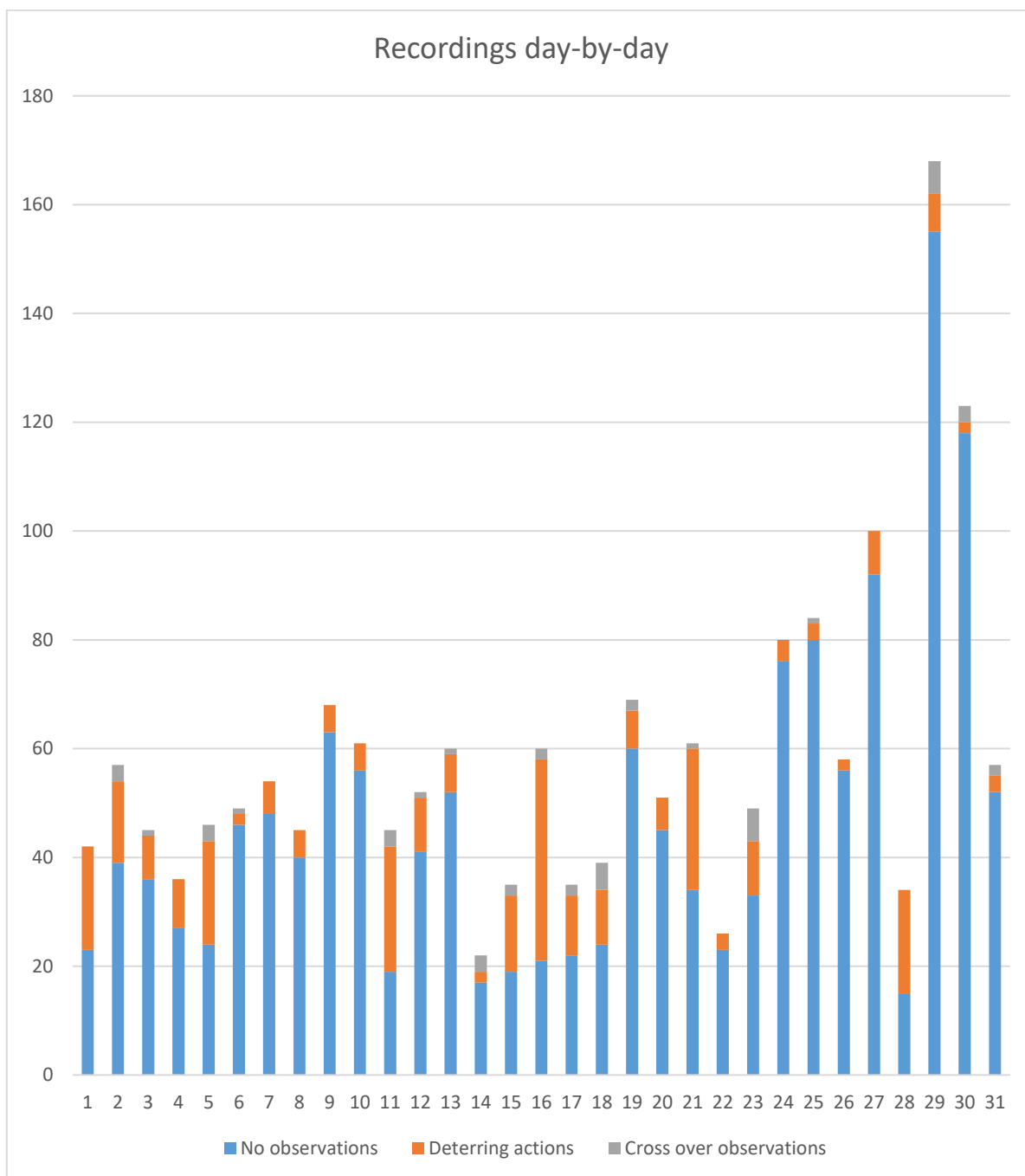
Live shot use

Table 2B. Effectiveness of the use of lethal measures during October

Species	Lethal actions	Live shots used	Total kills	Average shots per action	Average kills per action
Partridge					
Gray Hereon					
Greylag goose	1	1	0	1	0
Black-headed gull	1	1	1	1	1
Hare	1	2	1	2	1
Cat					
Mute Swan					
Crow	1	1	1	1	1
Lark					
Buzzard	1	2	1	2	1
Rook					
Woodpigeon	2	2	2	1	1
Lesser black-backed gull	1	2	1	2	1
Magpie					
Herring gull					
Starling	4	9	11	2.25	2.8
Mew gull	2	4	2	2	1
Swallow					
Kestrel	4	6	1	1.5	0.2
Grand Total	18	30	21	1.4	1.2

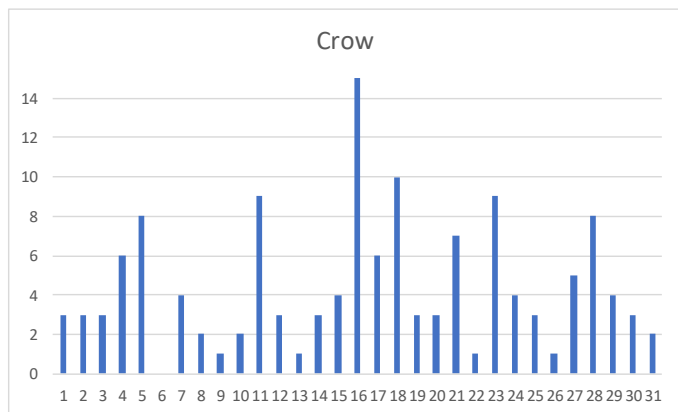
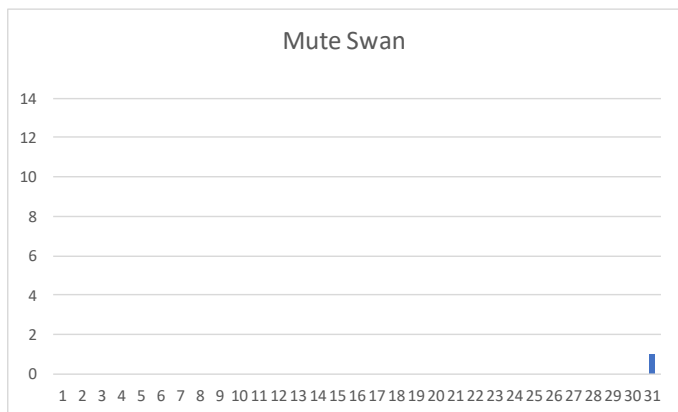
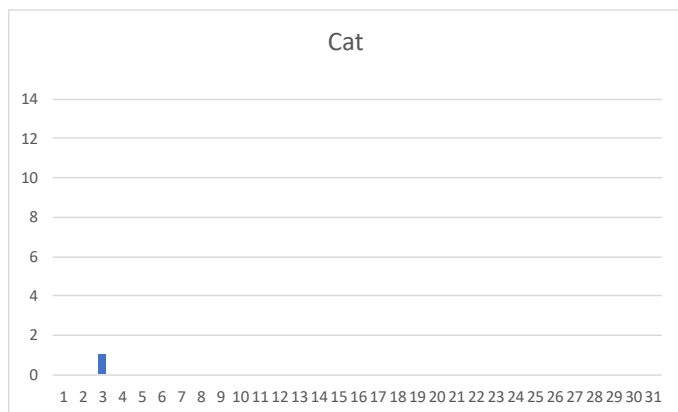
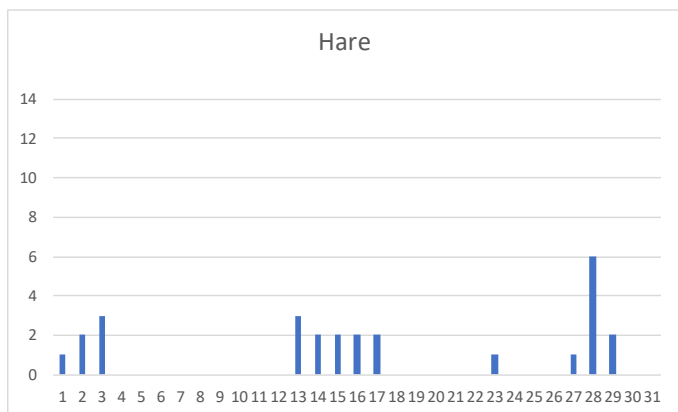
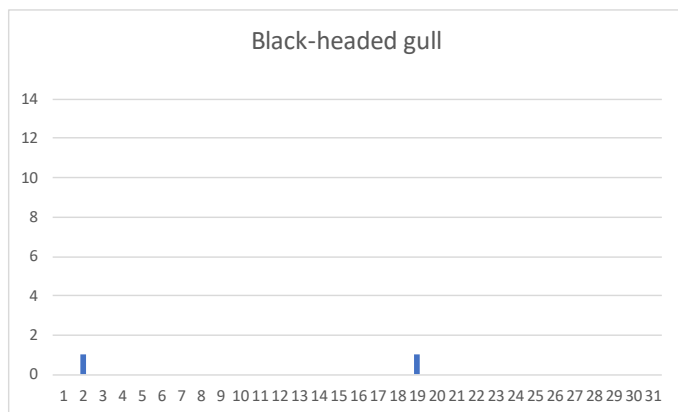
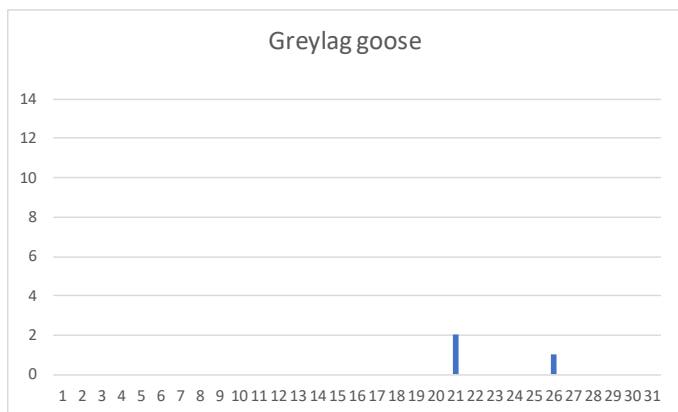
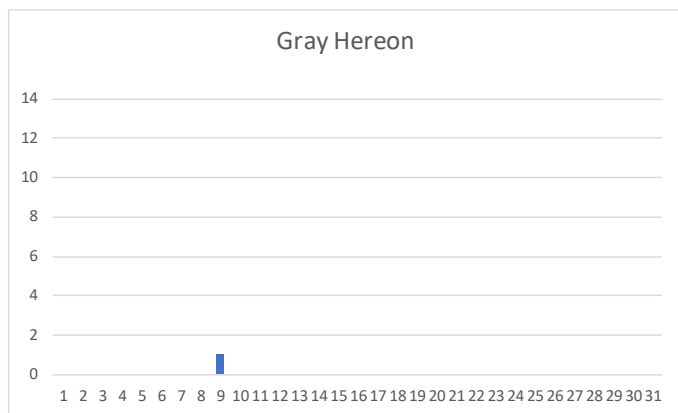
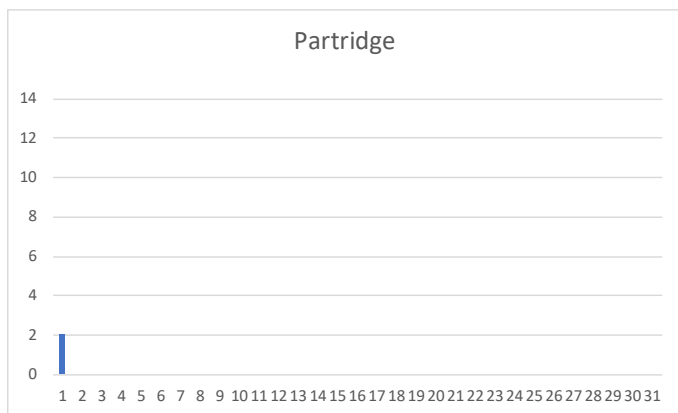
Recordings day-by-day, all wildlife.

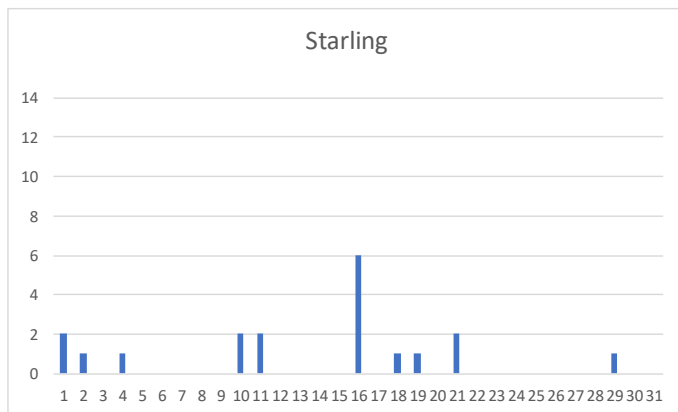
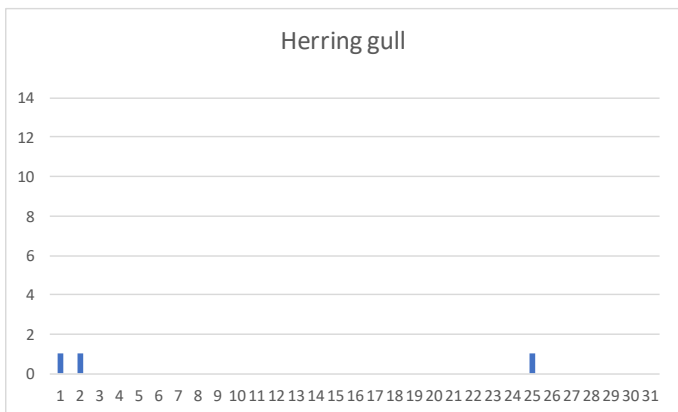
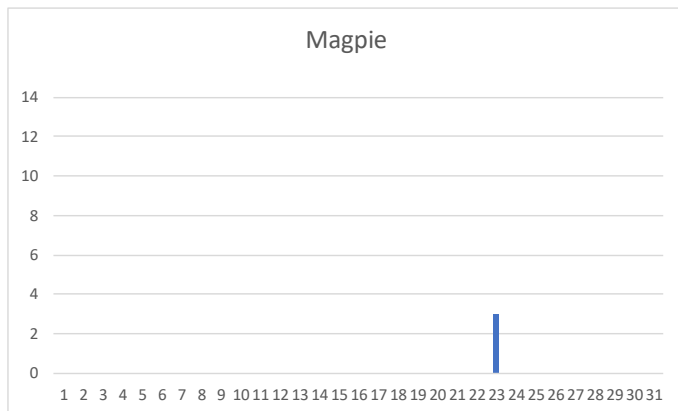
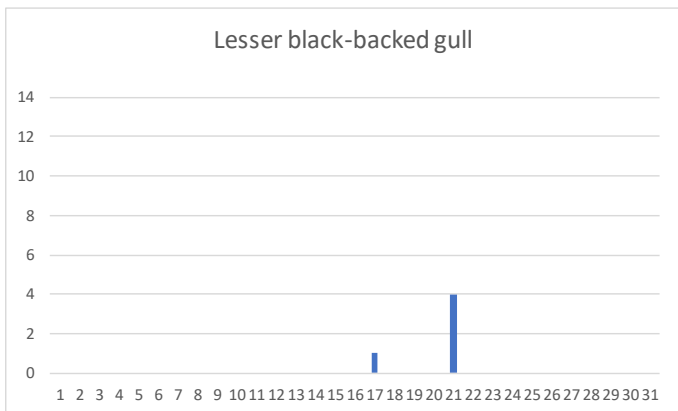
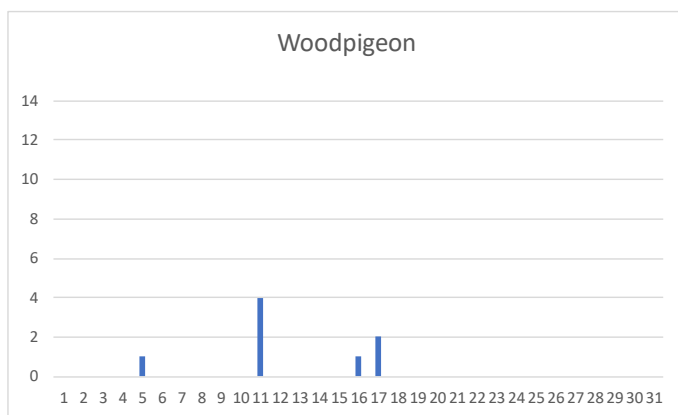
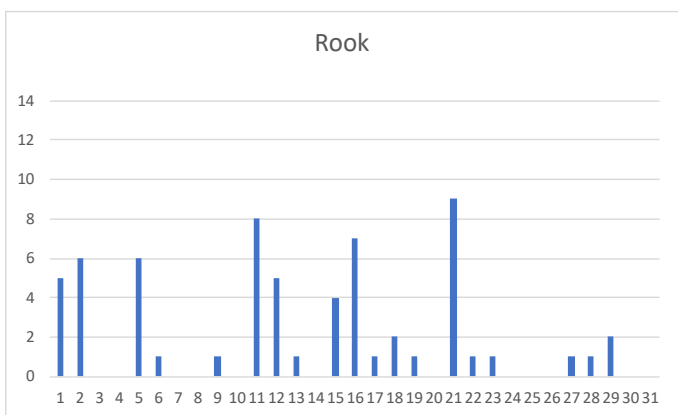
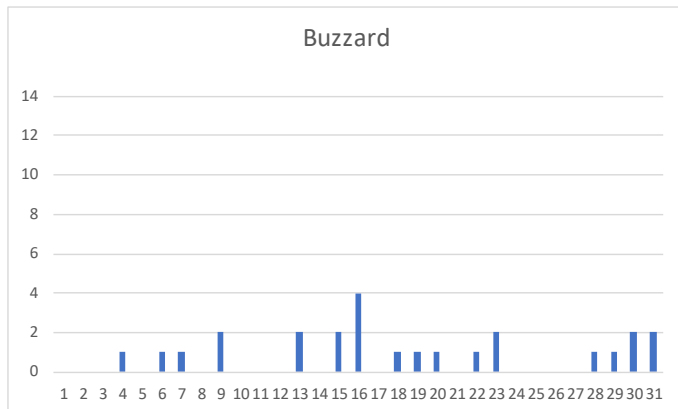
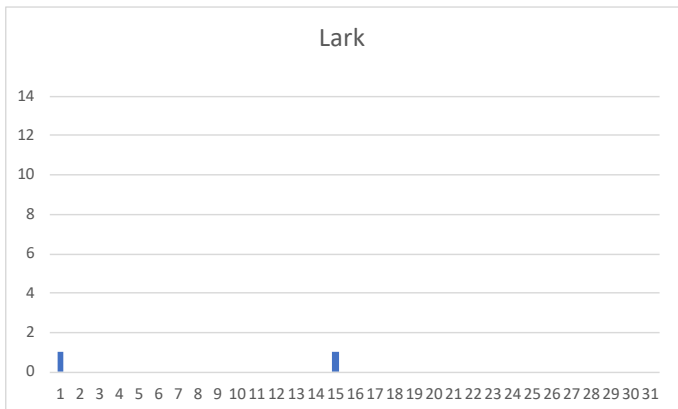
Figure 4. Number of recordings day-by-day during October 2017. “No observation” means that bird controllers have been surveying the area for wildlife activity, but no wildlife have been spotted.



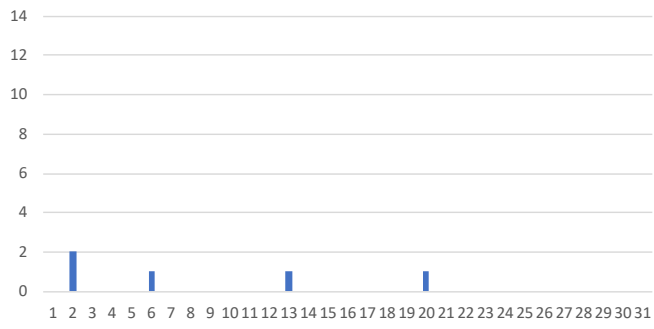
Recordings day-by-day, per species.

Figure 5. Number of recordings day-by-day during October, for each species.

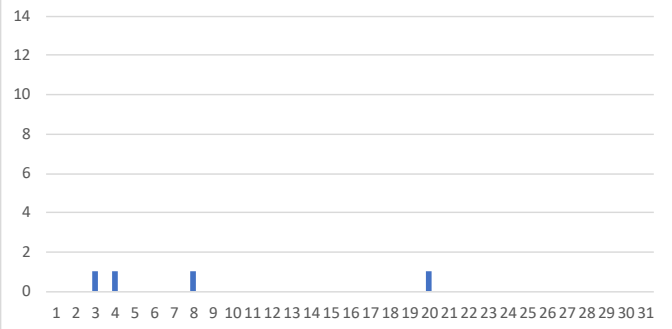




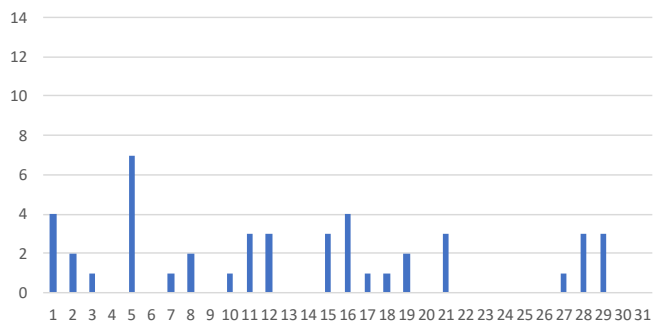
Mew gull



Swallow

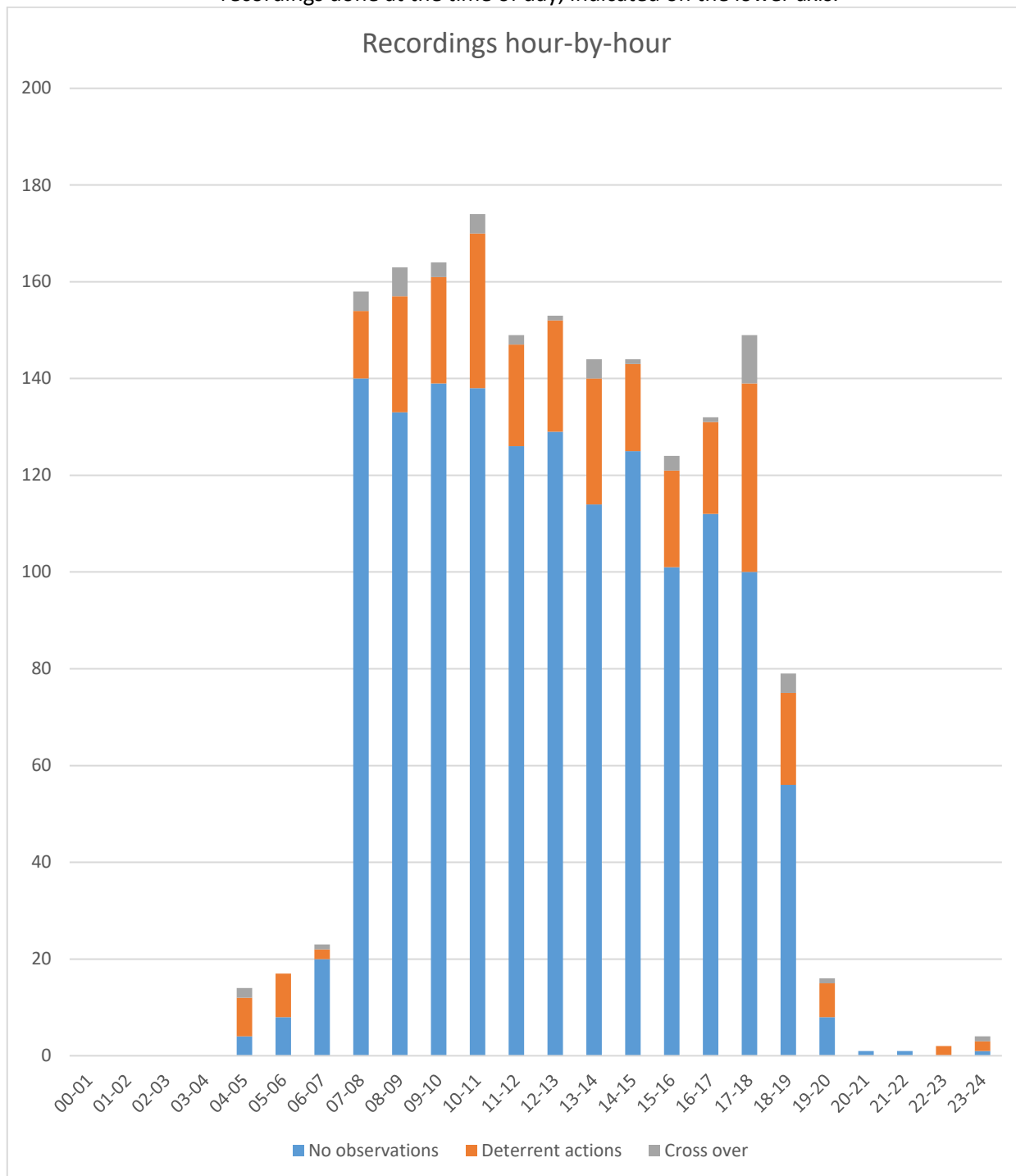


Kestrel



Recordings at time of day, all wildlife

Figure 6 Number of recordings hourly. Each of the bars represent the number of recordings done at the time of day, indicated on the lower axis.



Recordings at time of day, per species

Figure 7. Number of recordings hourly, for each species. Each of the bars represent the number of recordings done at the time of day, indicated on the lower axis.

