Wildlife Recording Report

XXXX Airport

May 2017

Aims and Methods

The data in this report is imported from the Ascend Recording web-application used by the Bird Control Unit (BCU) at XXX Airport (ICAO code). The data represents observations and deterrent actions against wildlife, performed during May 2017.

Following Table 1 shows represents and overview of the deterrent actions performed in relation to wildlife species. These data are implemented in Figure 1-3 and in Table 2. Data sorting after the date of the month are presented in Figure 4-5, and data sorted after the time of the day are presented in Figure 6-7.

Please note, that the bird species are ordered based on severity: highest severity (body weight x 0.014) on top. This order may give an immediate impression of how deterring actions performed by the BCU are distributed to the hazardousness of the birds involved.

The total number of recordings in the period was 325, including both 'no wildlife observed' and deterrent actions towards wildlife as well as observation of birds 'crossing over'.
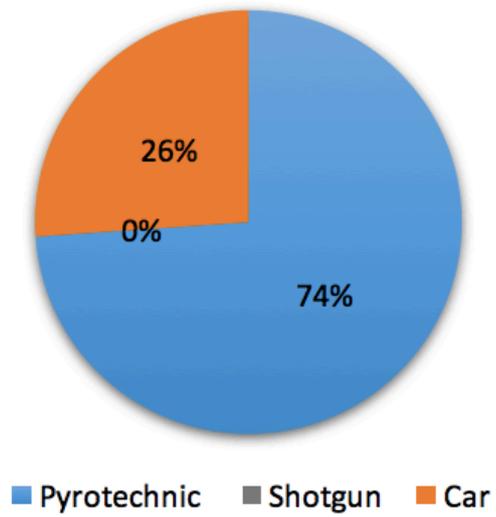
Monthly Review
May 2017

	Severity (%) [1]	Recordings [2]	Recorded individuals [3]	Individuals deterred away [4]	Feeding (actions) [5]	Resting (actions) [6]	Flying (actions) [7]	Cross over observation [8]	Feeding individuals [9]	Resting individuals [10]	Flying birds [11]	Cross over birds [12]	Pyrotechnic (actions) [13]	Pyro cartridge used [14]	Shotgun (actions) [15]	Live shots used [16]	Killed individuals [17]	Car (actions) [18]
Grågås *Greylag Goose*	46,6	13	123	105	0	8	1	4	0	100	5	18	3	5	0	0	0	6
Gravand *Shelduck*	15,1	1	2	2	0	0	1	0	0	0	2	0	1	2	0	0	0	0
Gråand *Mallard*	15,1	3	407	404	0	1	1	1	0	400	4	3	2	6	0	0	0	0
Sølvmåge *Herring Gull*	14,3	11	147	96	1	3	5	2	30	26	40	51	6	13	0	0	0	3
Musvåge *Buzzard*	11,2	27	31	30	5	4	17	1	5	4	21	1	21	53	0	0	0	5
Gråkrage *Hooded Crow*	7,4	1	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Strandskade *Oystercatcher*	7,0	1	2	2	1	0	0	0	2	0	0	0	1	2	0	0	0	0
Ringdue *Wood Pigeon*	6,5	2	7	3	0	0	0	2	0	0	0	7	0	0	0	0	0	0
Stormmåge *Common Gull*	5,9	21	599	595	3	7	8	3	60	200	335	4	14	34	0	0	0	4
Tamdue *Domestic Dove*	5,5	1	2	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0
Hættemåge *Black-headed gull*	3,9	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Vibe *Lapwing*	3,0	1	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
Tårnfalk *Kestrel*	2,9	2	2	2	0	0	2	0	0	0	2	0	2	2	0	0	0	0
Landsvale *Swallow*	0,3	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Digesvale *Sand Martin*	0,2	2	6	5	0	0	1	1	0	0	5	1	1	4	0	0	0	0
Total		88	1333	1244	10	23	36	16	97	730	414	92	51	121	0	0	0	18

Table 1 Overview of species and deterrent actions

Notes: **1):** The calculated percentage of all strikes causing damage. **2):** Number of recordings including 'cross over' observations. **3):** Number of individuals including individuals observed as 'cross over'. **4):** Number of individuals scared away. ('Cross over' individuals are not included). 5): Number of deterring actions involving feeding individuals. **6):** Number of deterring actions involving resting individuals. **7):** Number of deterring action involving flying birds. **8):** Number of 'cross over' observations**. 9):** Number of individuals scared away when feeding. **10):** Number of individuals scared away when resting. **11):** Number of individuals scared away when flying. **12):** Number of individuals observed when crossing over. **13):** Number of scaring actions when pyrotechnic is used. **14):** Total number of pyro-cartridges used. **15):** Number of scaring actions when a shotgun is used. **16):** Total number of live shots used. **17):** Number of wildlife killed. 18): Number of deterrent actions using the car only.
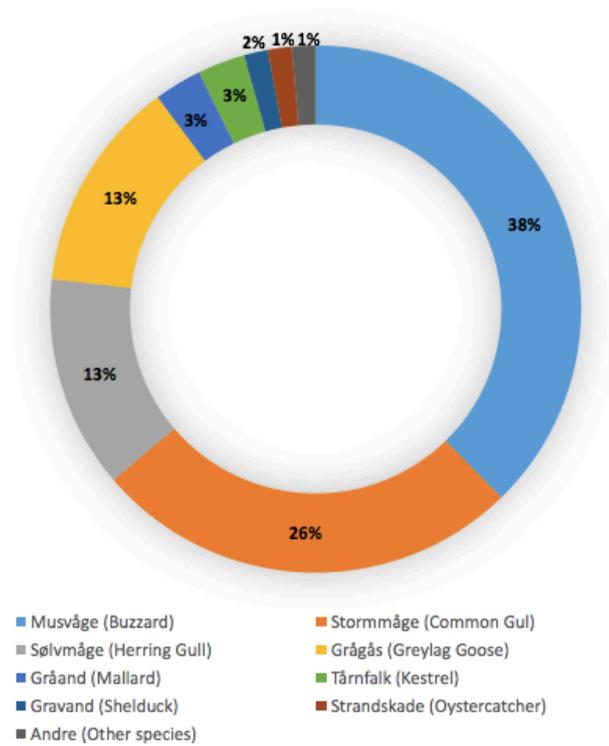
Deterrent measures used

Figure 1. Overview of deterrent actions used to disperse birds during May 2017
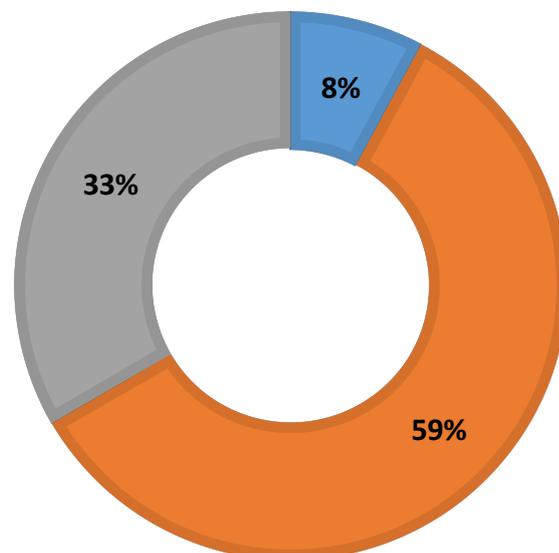
Wildlife species & deterrent actions

Figure 2. Distribution of wildlife species involved in deterrent actions during May 2017

Legend:
- Musvåge (Buzzard)
- Sølvmåge (Herring Gull)
- Gråand (Mallard)
- Gravand (Shelduck)
- Andre (Other species)
- Stormmåge (Common Gul)
- Grågås (Greylag Goose)
- Tårnfalk (Kestrel)
- Strandskade (Oystercatcher)

Wildlife activity & deterrent actions

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

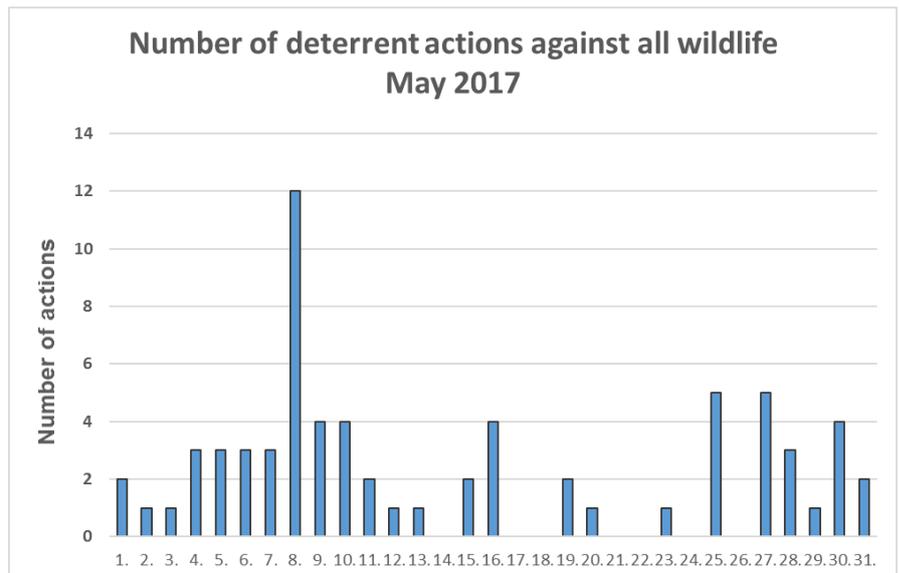Legend: Feeding individuals — Resting individuals — Flying birds

Pyro-Cartridge use

Table 2. Efficiencies of the use of pyrotechnic during May.

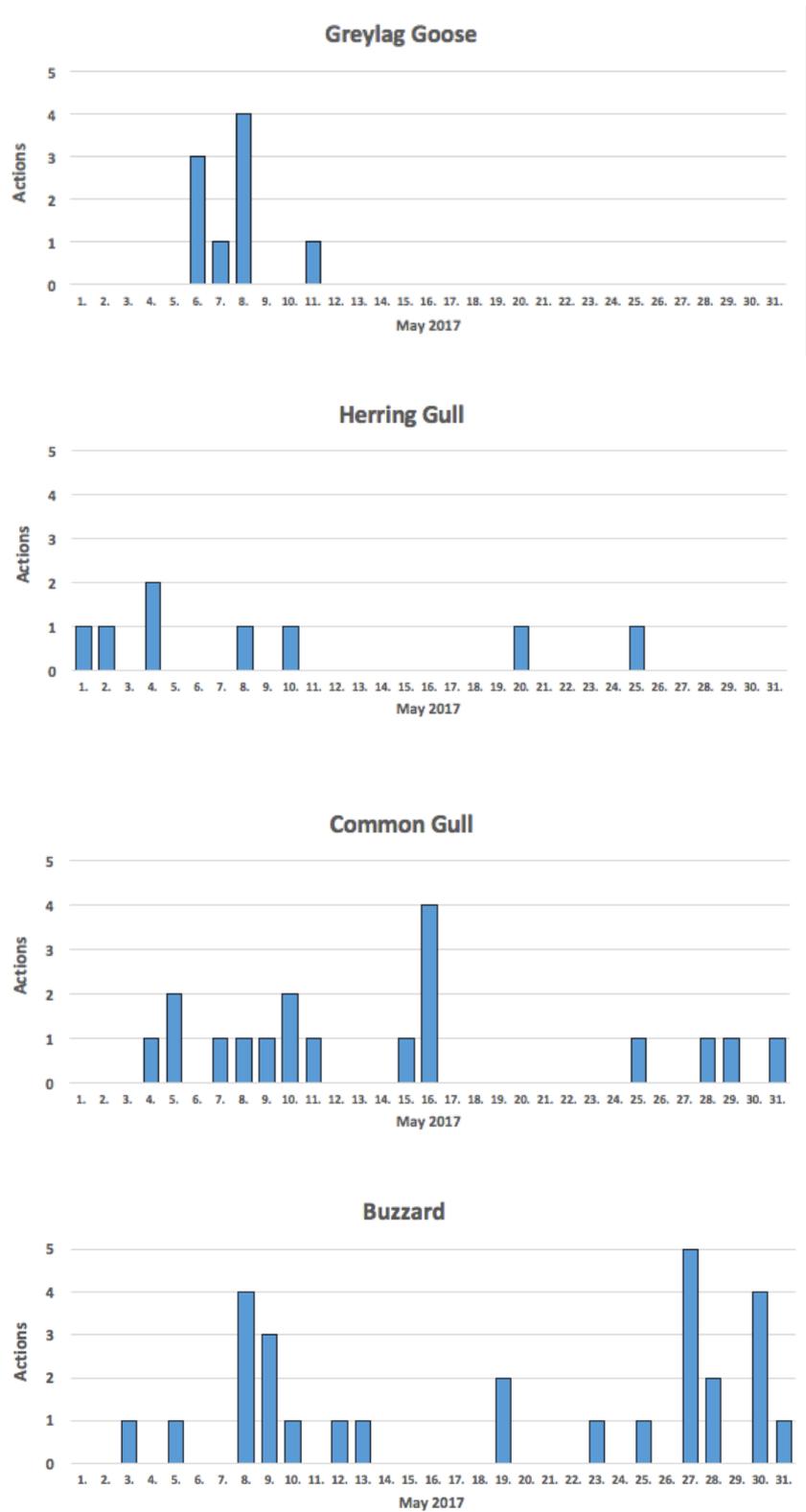|	Number of actions	Pyro cartridges used	Mean number of cartridges used per action
Grågås *Greylag Goose*	3	5	1,67
Gravand *Shelduck*	1	2	2,00
Gråand *Mallard*	2	6	3,00
Sølvmåge *Herring Gull*	6	13	2,17
Musvåge *Buzzard*	21	53	2,52
Strandskade *Oystercatcher*	1	2	2,00
Stormmåge *Common Gull*	14	34	2,43
Tårnfalk *Kestrel*	2	2	1,00
Digesvale *Sand Martin*	1	4	4,00

Deterrent actions day-by-day, all wildlife.

Figure 4. Number of deterrent actions day-by-day during May 2017, including all wildlife observed.

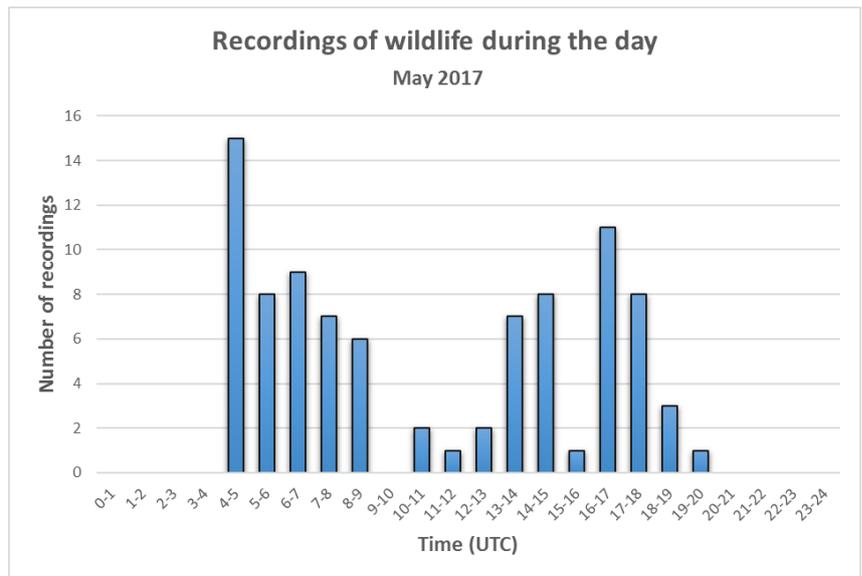## Deterrent actions day-by-day, selected species.

Figure 5. Number of deterrent actions day-by-day during May, showed for selected species based on most frequent occurrences.

Greylag Goose

Herring Gull

Common Gull

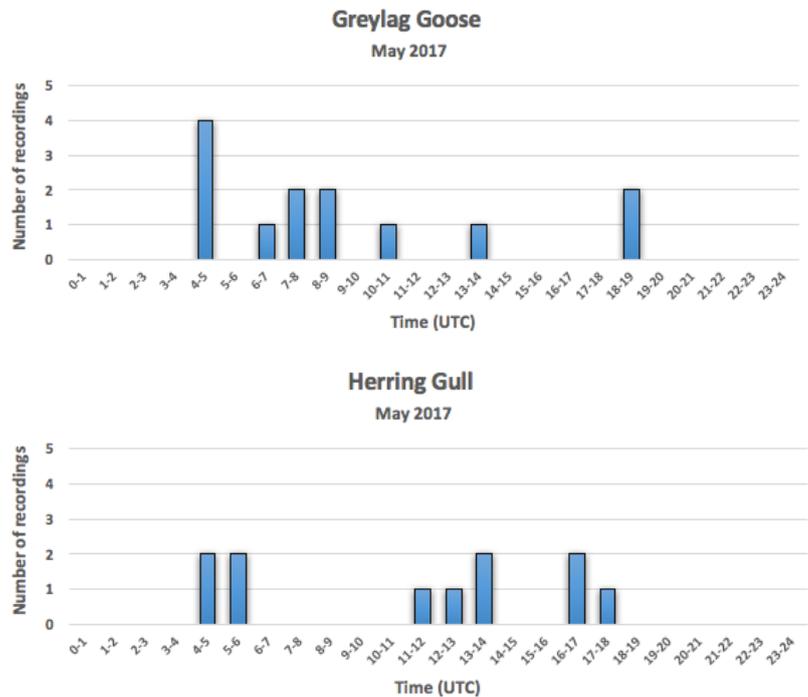
Buzzard

Deterrent actions throughout the

Figure 6 Number of deterrent actions hourly. Data is sorted and summed up every full hour during the day and includes all wildlife.

day, all wildlife

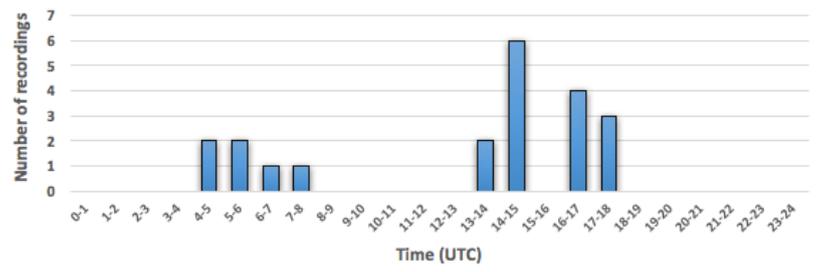Recordings of wildlife during the day
May 2017

Deterrent actions throughout the day, selected species

Figure 7. Number of deterrent actions hourly. Data are sorted and summed up every full hour during the day, for selected species based on most frequent occurrences.

Greylag Goose
May 2017

Herring Gull
May 2017

Common Gull

May 2017

Buzzard

May 2017