



RINSE
Reducing the impact of non-native species in Europe

/ Field trials Egyptian goose



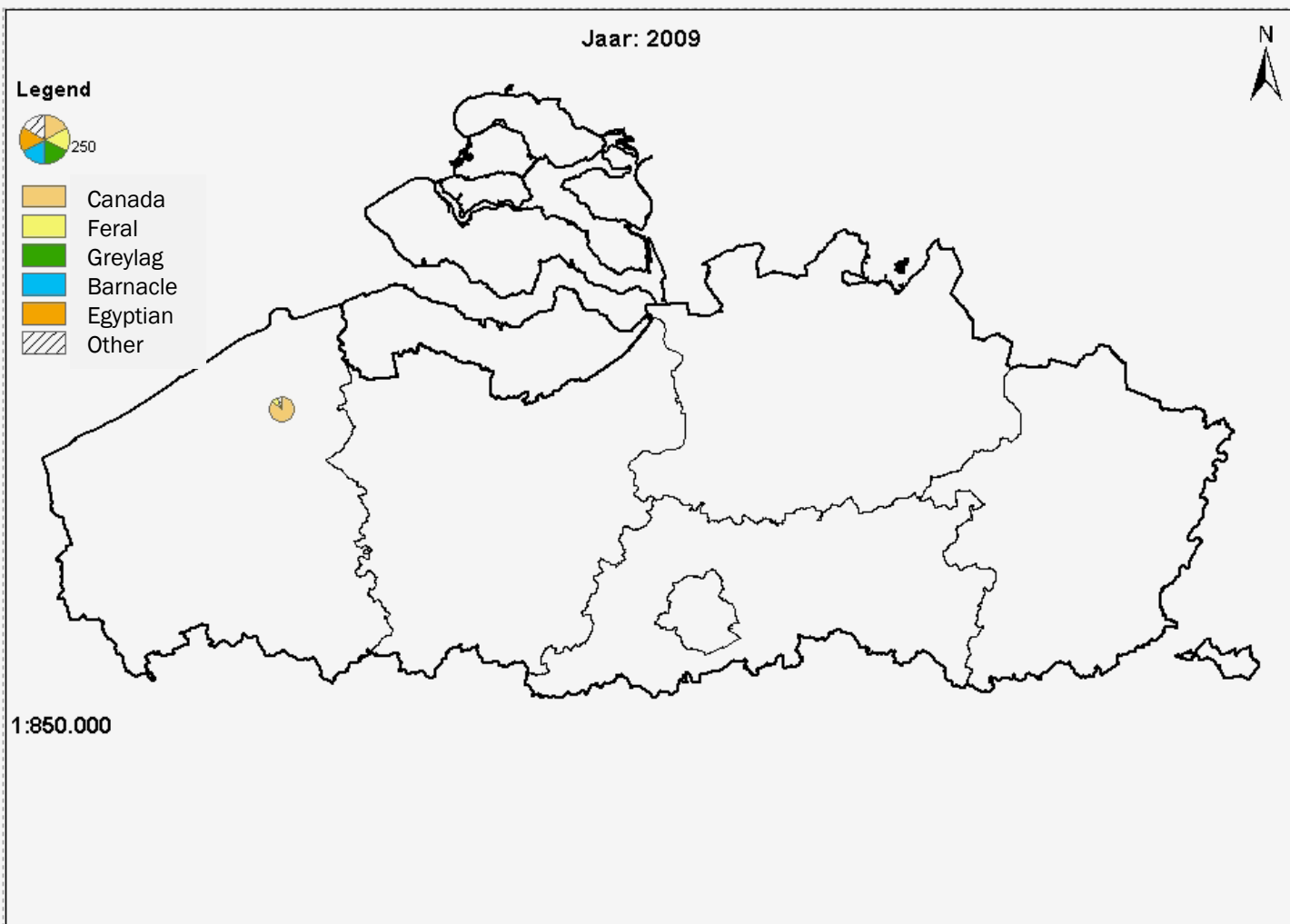
F. Huysentruyt, T. Adriaens, K. Van Moer, S.
Standaert, K. De Bus, S. Devisscher & J. Casaer
Ghent, Belgium 02/04/2014

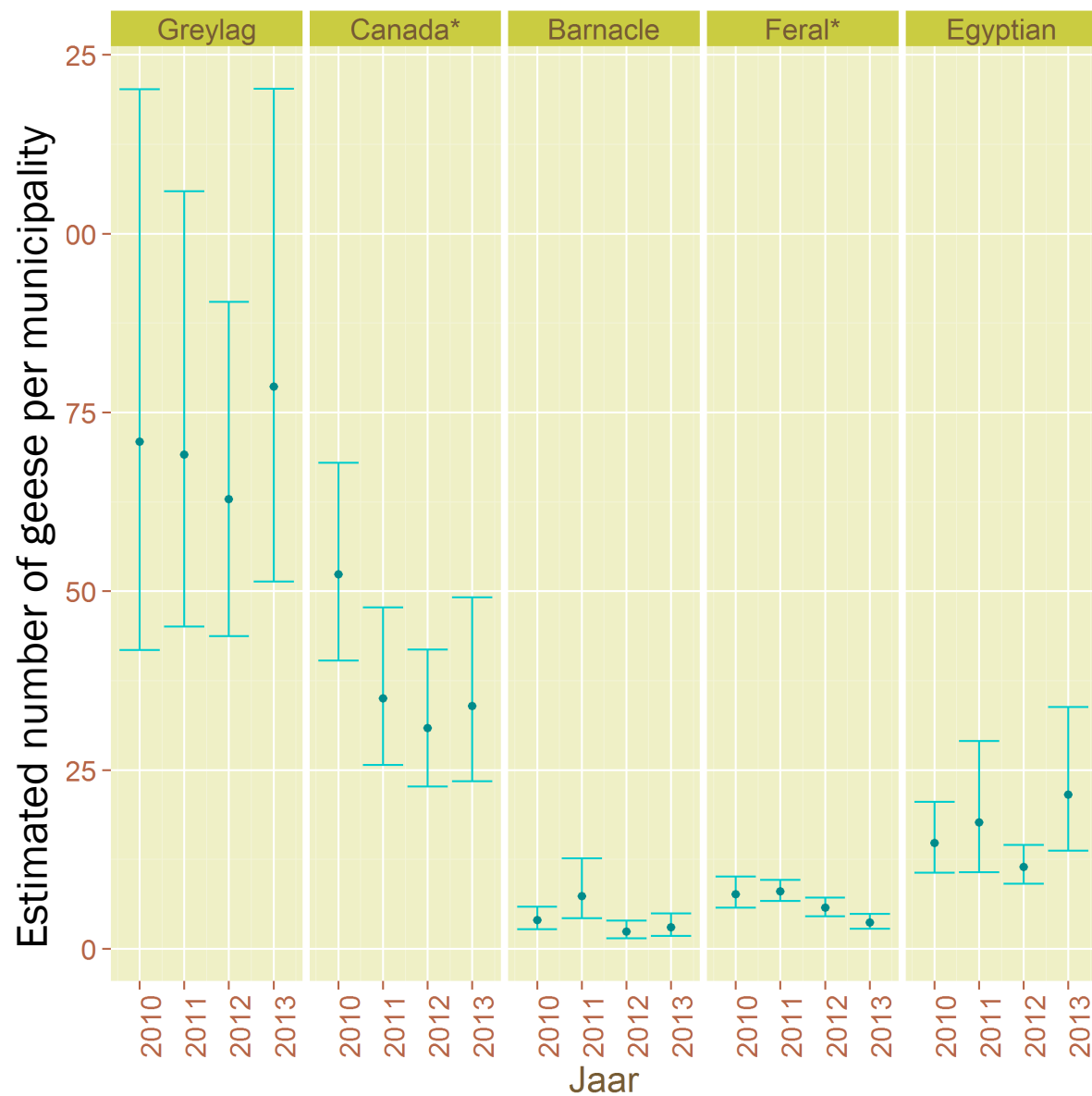


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Trapping Egyptian geese

- Moulting trapping – nearly impossible
- Walk-in trap with live decoy bird: works



Field trial - basis



Field trial design - period

2 0 1 3

January					
Mo		7	14	21	28
Tu	1	8	15	22	29
We	2	9	16	23	30
Th	3	10	17	24	31
Fr	4	11	18	25	
Sa	5	12	19	26	
Su	6	13	20	27	

February					
Mo		4	11	18	25
Tu		5	12	19	26
We		6	13	20	27
Th		7	14	21	28
Fr	1	8	15	22	
Sa	2	9	16	23	
Su	3	10	17	24	

March					
Mo		4	11	18	25
Tu		5	12	19	26
We		6	13	20	27
Th		7	14	21	28
Fr	1	8	15	22	29
Sa	2	9	16	23	30
Su	3	10	17	24	31

April					
Mo	1	8	15	22	29
Tu	2	9	16	23	30
We	3	10	17	24	
Th	4	11	18	25	
Fr	5	12	19	26	
Sa	6	13	20	27	
Su	7	14	21	28	

May					
Mo		6	13	20	27
Tu		7	14	21	28
We	1	8	15	22	29
Th	2	9	16	23	30
Fr	3	10	17	24	31
Sa	4	11	18	25	
Su	5	12	19	26	

June					
Mo		3	10	17	24
Tu		4	11	18	25
We		5	12	19	26
Th		6	13	20	27
Fr		7	14	21	28
Sa	1	8	15	22	29
Su	2	9	16	23	30

July					
Mo	1	8	15	22	29
Tu	2	9	16	23	30
We	3	10	17	24	31
Th	4	11	18	25	
Fr	5	12	19	26	
Sa	6	13	20	27	
Su	7	14	21	28	

August					
Mo		5	12	19	26
Tu		6	13	20	27
We		7	14	21	28
Th	1	8	15	22	29
Fr	2	9	16	23	30
Sa	3	10	17	24	31
Su	4	11	18	25	

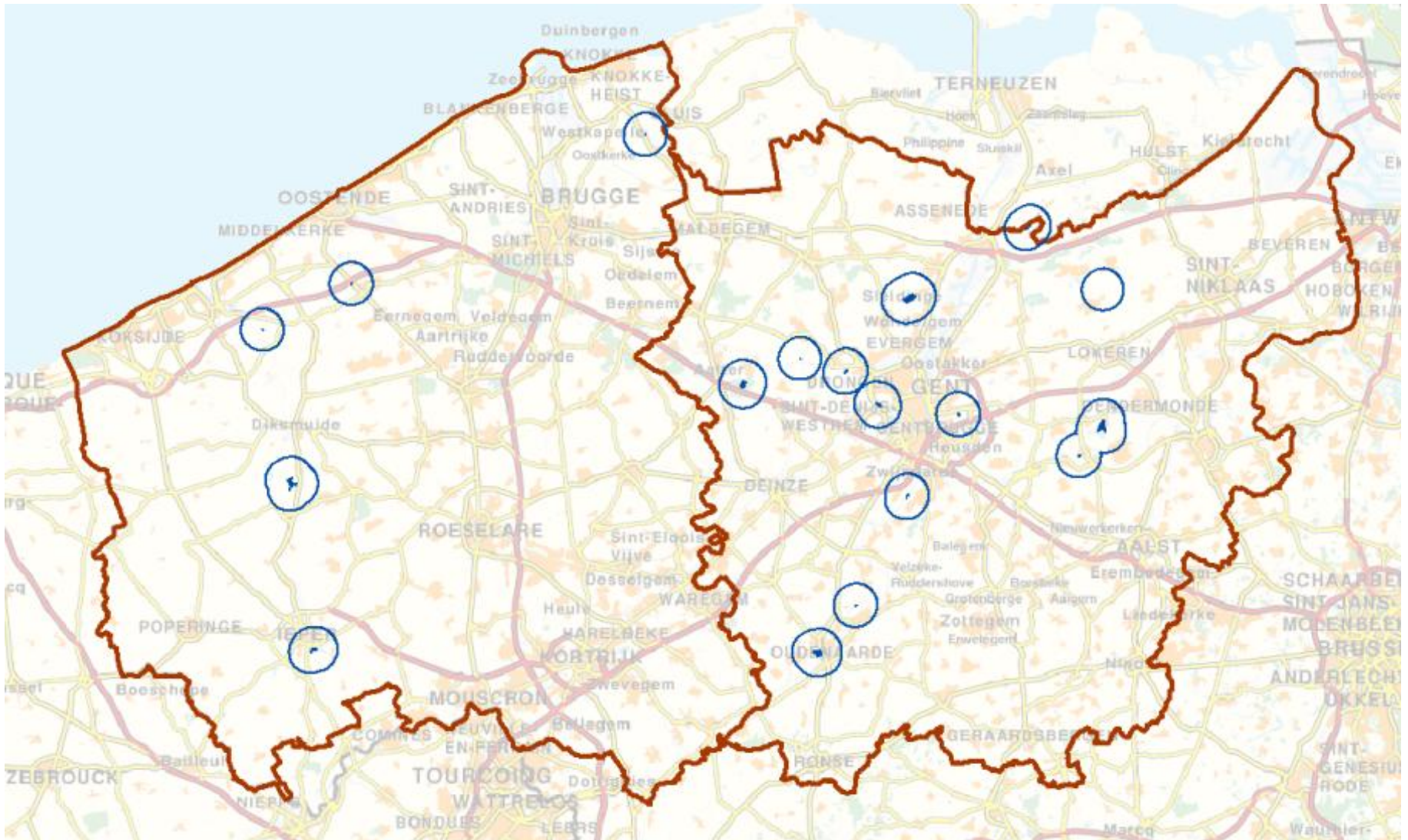
September					
Mo	30	2	9	16	23
Tu		3	10	17	24
We		4	11	18	25
Th		5	12	19	26
Fr		6	13	20	27
Sa		7	14	21	28
Su	1	8	15	22	29

October					
Mo		7	14	21	28
Tu	1	8	15	22	29
We	2	9	16	23	30
Th	3	10	17	24	31
Fr	4	11	18	25	
Sa	5	12	19	26	
Su	6	13	20	27	

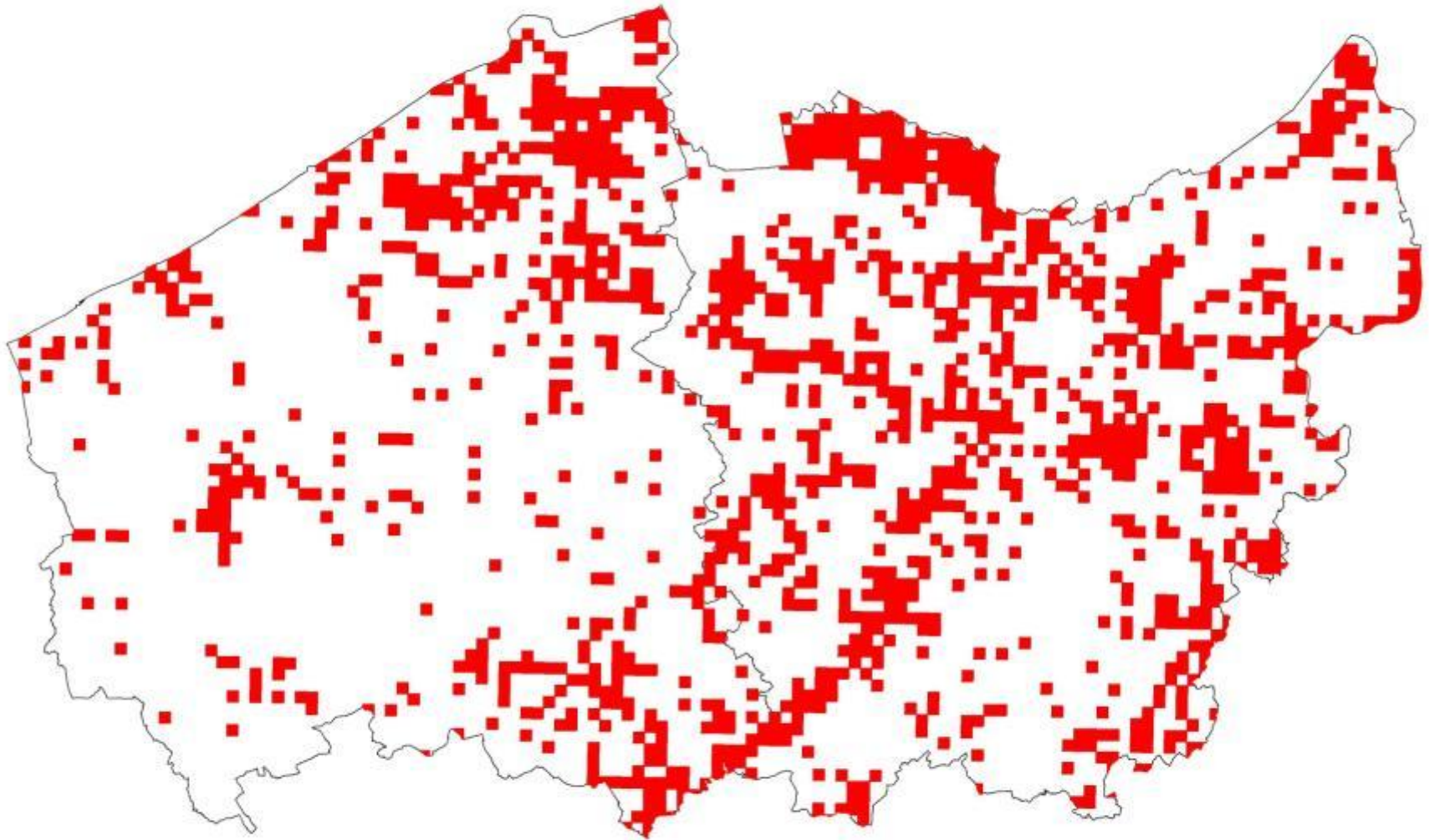
November					
Mo		4	11	18	25
Tu		5	12	19	26
We		6	13	20	27
Th		7	14	21	28
Fr	1	8	15	22	29
Sa	2	9	16	23	30
Su	3	10	17	24	

December					
Mo	30	2	9	16	23
Tu	31	3	10	17	24
We		4	11	18	25
Th		5	12	19	26
Fr		6	13	20	27
Sa		7	14	21	28
Su	1	8	15	22	29

Field trial design - localities



Field trial design - localities



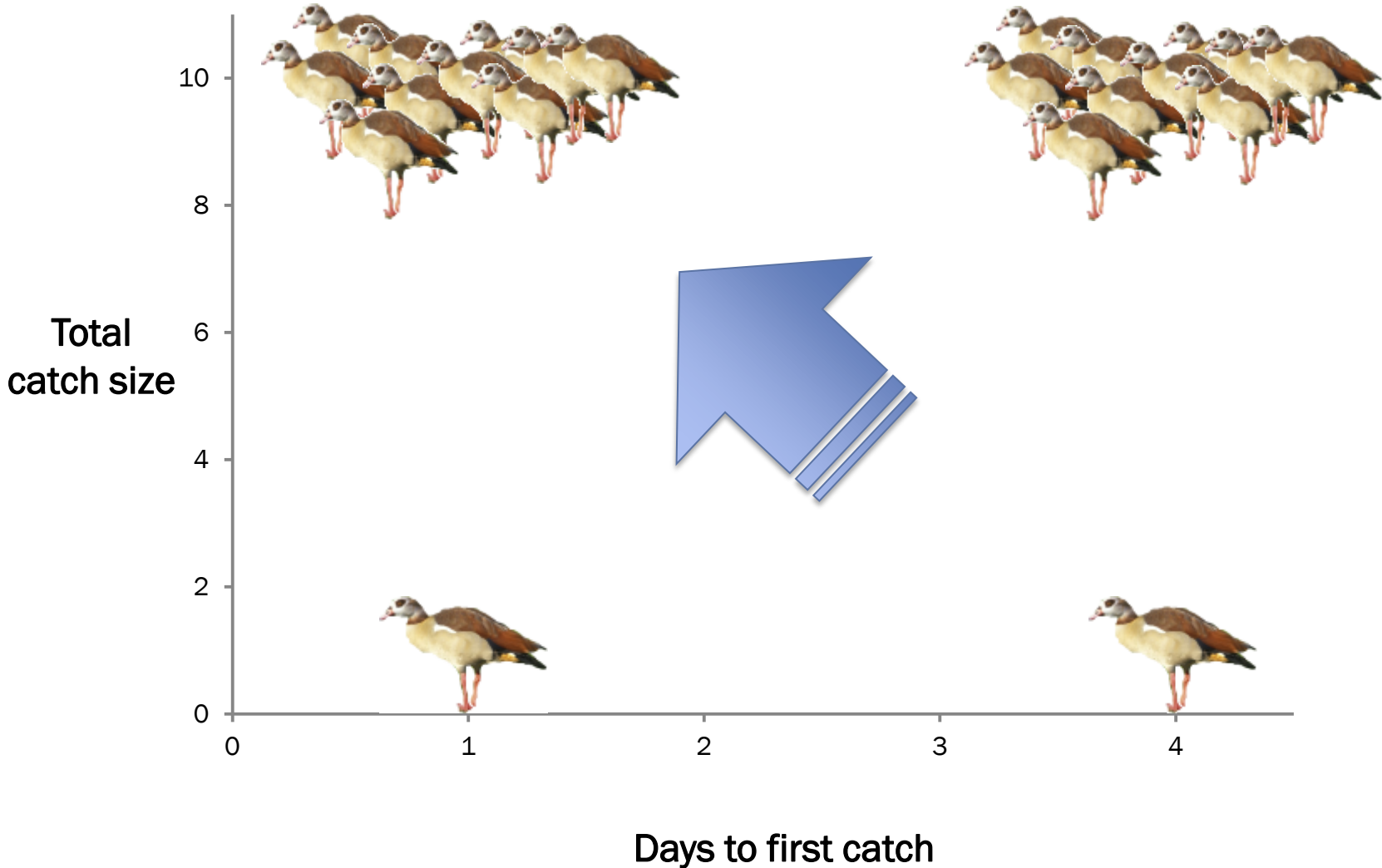
Field trial design - parameters

- Hypothesis: Succes differs per month
- How do we define succes?
 - How **fast** can we catch geese at a given location?

parameter: time (days) to first catch
 - How **many** geese can we catch at a given location?

parameter: total number of geese caught

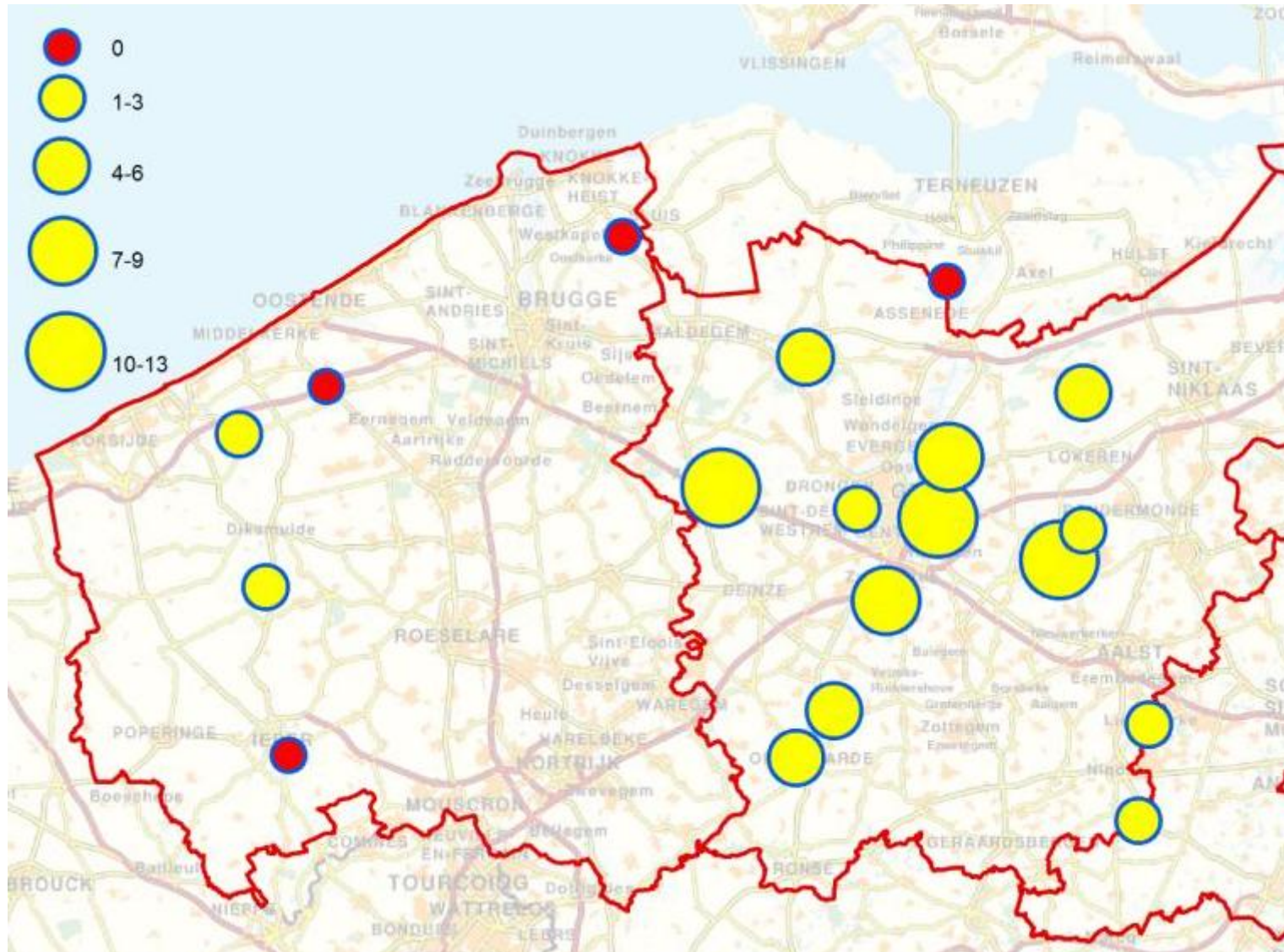
Field trial – (expected) results



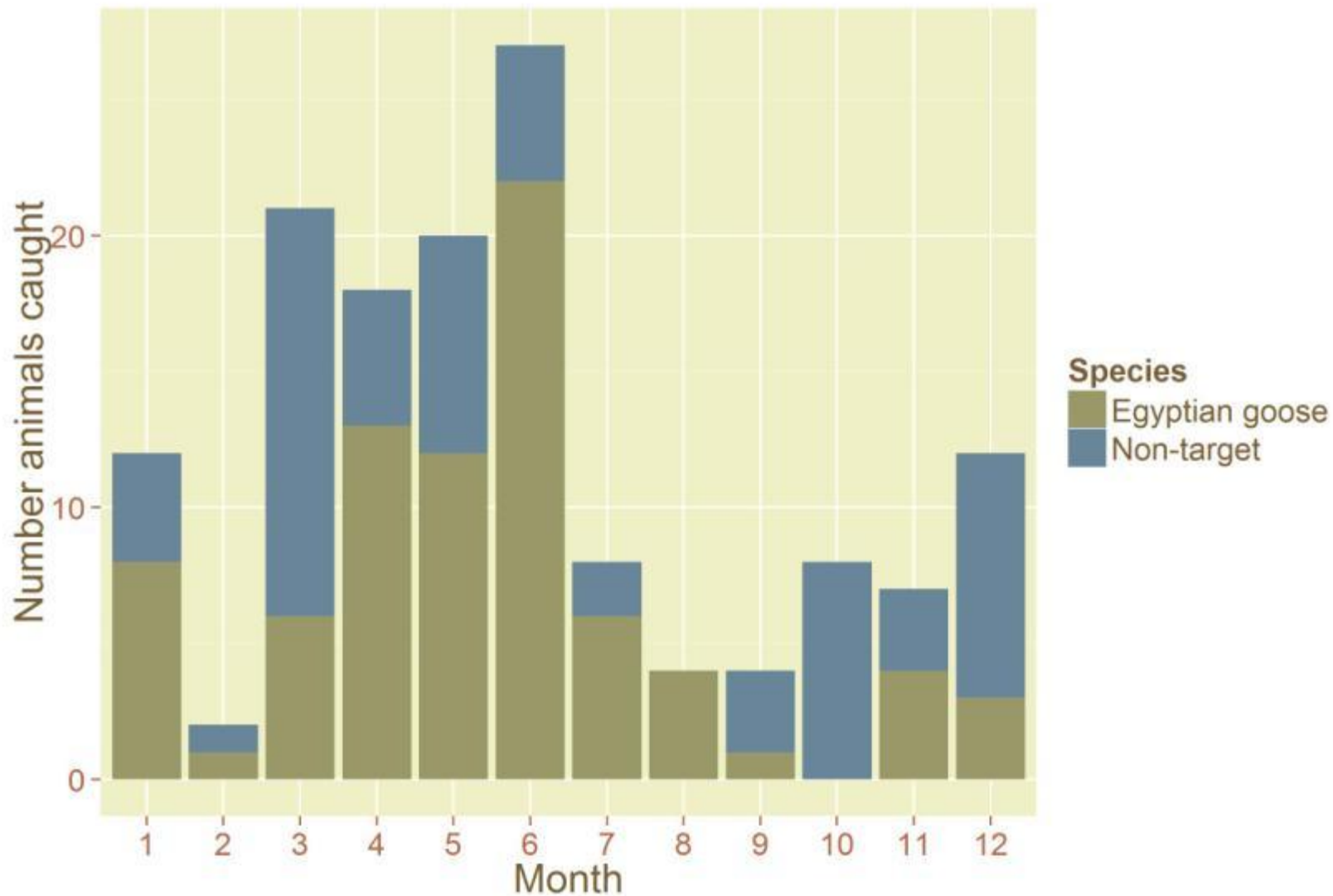
Field trial - results

- 80 Egyptian geese / 860 trapping days
- 68 non-target species
 - Mallard 20
 - Coot 19
 - Common moorhen 10
 - Feral goose 8
 - Canada goose 7
 - Greylag goose 1
 - Fox, mandarin duck, cormorant 1

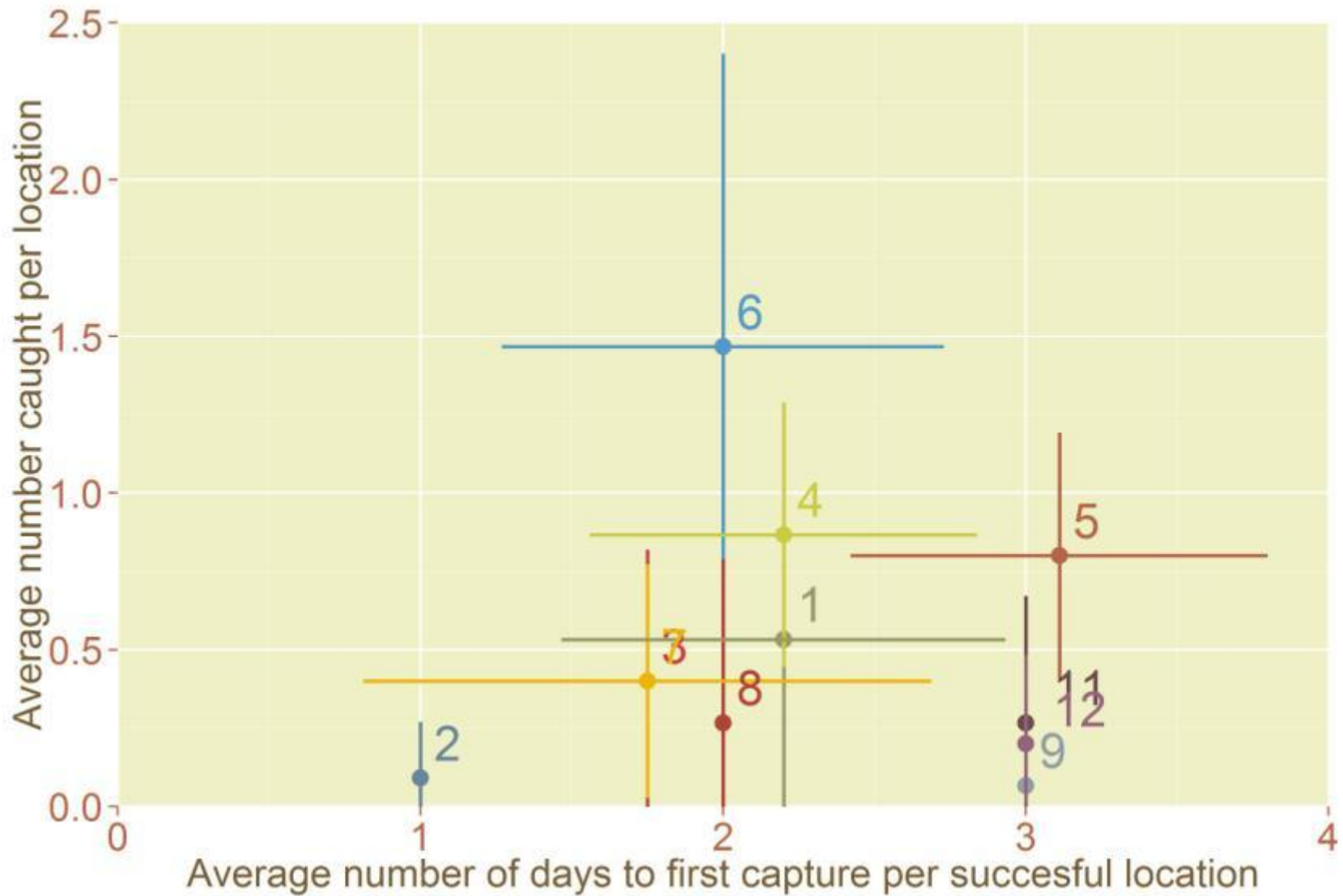
Field trial - results



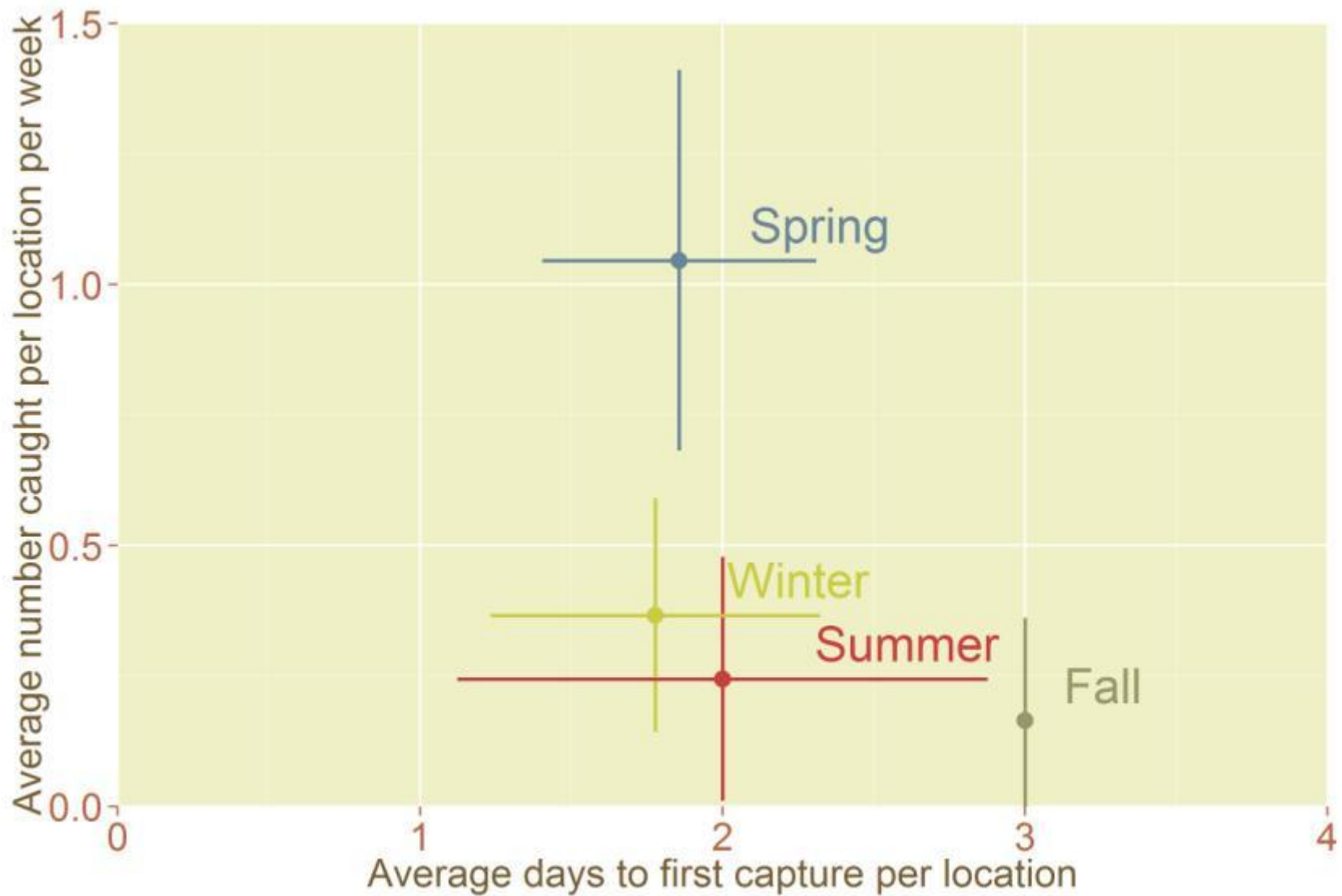
Field trial - results



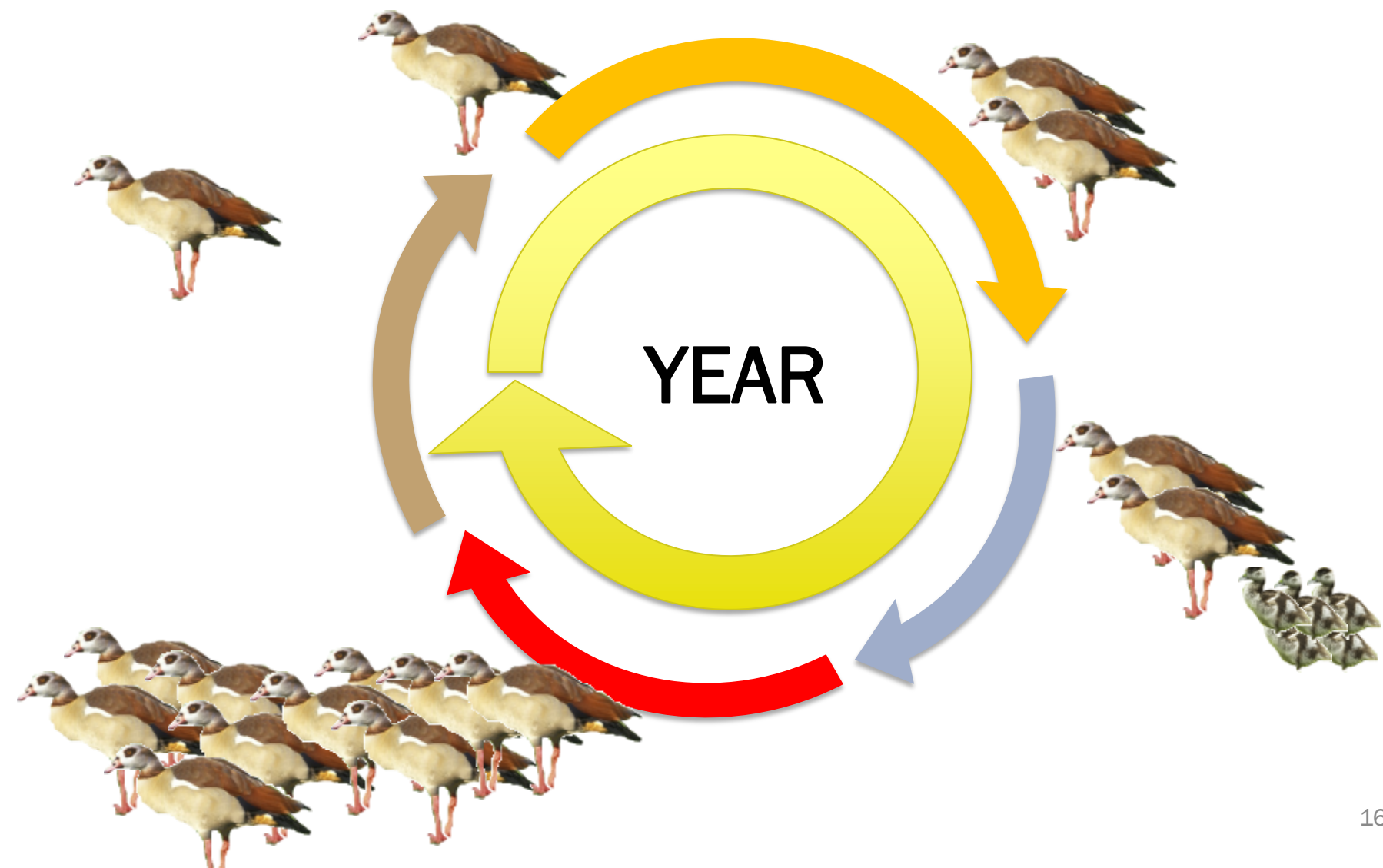
Field trial - results



Field trial - results



Field trial - discussion



Field trial - discussion

- The number caught differs per month/season
- The speed does not differ much between months/seasons
- Overall, spring is the best season for catching Egyptian geese with decoy birds

Field trial - discussion

- Given that spring is the best season
 - How can the trap currently used be improved?
 - What other trap systems (with decoy birds) are useful?
 - What sex of decoy bird is best?
 - What sex of bird is caught?

Thanks to

- The people at Rato and Inagro for performing the trials and collecting all necessary data

