APPENDICES

Appendix A: AICc model results for each species probability of presence; 1, 2 and 3 represent the 3 best predictive models with lowest AICc values, and 'Pred' represents the predictive model against which general models were tested. Shortened variable names are as follow: 'Dist' = distance from water; 'Fert' = fertilised; 'MownFert'= mown and fertilised; 'Pred'=predator incidence (yes or no).

	Models	AICc	ΔAICc
	Impala		
1	Season*TimeOfDay + Dist*season*Mown + Dist*season*Fert + Dist*season*MownFert + Pred	6036.38	0.00
2	TimeOfDay*Season + Mown + MownFert + Fert + Dist + Pred	6057.21	20.83
3	TimeOfDay + season*Dist*Mown + season*Dist*MownFert + season*Dist*Fert + Pred	6062.17	25.79
Predicted	Season*Dist +TimeOfDay*Mown + TimeOfDay*MownFert + Pred	6158.4	122.02
	Wildebeest		
1	Season*TimeOfDay + Dist*season*Mown + Dist*season*Fert + Dist*season*MownFert + Pred	4887.83	0.00
2	Dist*TimeOfDay +season*Mown + season*MownFert + season*Fert + Pred	4896.47	8.64
3	Season*TimeOfDay + Mown + MownFert + Fert + Pred + Dist	4906.21	18.38
Predicted	Season*Dist + TimeOfDay + Dist*Mown + Dist*MownFert + Pred	5019.52	131.17
	Waterbuck		
1	Season + TimeOfDay + Mown + MownFert + Fert + Dist + Pred	587.92	0.97
2	Season*TimeOfDay + Mown + MownFert + Fert + Pred + Dist	591.02	4.07
3	Pred*Dist + season + TimeOfDay*Mown + TimeOfDay*MownFert + TimeOfDay*Fert	591.51	4.56
Predicted	Season + TimeOfDay + Mown + MownFert + Dist*Fert	586.95	0.00
	Zebra		
1	Dist*TimeOfDay + season*Mown + season*MownFert + season*Fert + Pred	6250.51	0.00
2	Season*TimeOfDay + Dist*season*Mown + Dist*season*MownFert + Dist*season*Fert + Pred	6252.3	1.79
3	Pred*season + Dist*TimeOfDay*Mown + Dist*season*MownFert + Dist*season*Fert	6259.04	8.53
Predicted	Dist*season + Dist*Fert + TimeOfDay + Pred	6473.63	223.12
	Buffalo		
1	Dist*season + TimeOfDay*Mown + TimeOfDay*MownFert + TimeOfDay*Fert + Pred	781.49	2.70
2	Season + TimeOfDay + Mown + MownFert + Fert + Dist + Pred	796.24	17.45
3	Dist + TimeOfDay + season*Mown + season*MownFert + season*Fert + Pred	797.33	18.54
Predicted	Dist*season + Dist*Fert + TimeOfDay + Pred	778.79	00.00
	Elephant		
1	Dist*season + TimeOfDay*Mown + TimeOfDay*MownFert + TimeOfDay*Fert + Pred	2817.66	0.00
2	Season + TimeOfDay + Mown + MownFert + Fert + Dist + Pred	2839.48	21.82
3	TimeOfDay+ season + Dist*Mown + Dist*MownFert + Dist*Fert + Pred	2839.56	21.90
Predicted	Season*Dist + TimeOfDay+ Fert	2833.67	16.01
	White Rhino		
1	TimeOfDay + season + Dist*Mown + Dist*MownFert + Dist*Fert + Pred	384.45	0.00
2	Season + TimeOfDay + Mown + MownFert + Fert + Dist + Pred	384.95	0.50
3	Pred*TimeOfDay + Dist*Mown + Dist*MownFert + Dist*Fert + season	387.70	3.25
Predicted	Season*Dist + Dist*Fert + TimeOfDay	385.39	0.94