1	Investigating the Effect of the Environment on Prey Detection Ability
2	in Humans.
3	Supplementary Information
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Supplementary Information

Table S1 - Experiment 1 response type breakdown

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Density	Environment	Correct Response	Incorrect Response	Non-Response (%)
(veg. objects per km²)		(%)	(%)	
	Wooded	88.64	11.36	0
2000	Grassland	97.72	2.27	0
	All	93.18	6.81	0
	Wooded	84.10	13.64	2.27
5000	Grassland	90.91	9.09	0
	All	87.50	11.36	1.14
	Wooded	81.82	13.64	4.55
8000	Grassland	88.64	6.82	4.55
	All	85.22	10.23	4.55
	Wooded	84.09	9.09	6.82
11000	Grassland	84.09	13.64	2.27
	All	84.09	11.36	4.55

Table S2 - The results of the Experiment 1 LME analysis when performed only on the half of the correct response data from which utilised the max distance deer placement strategy are presented below. The overall trends displayed in this data is the same as when the whole dataset is analysed.

Predictor of Mean Prey Detection Distance (m)	Coefficient	SE	t statistic
(Intercept)	165.56	7.52	22.00
Environment Type: Grassland	58.70	5.89	9.98
Density	-32.48	5.65	-5.75
Environment Type: Grassland x Density	-18.75	7.88	-2.38

Table S3 - Similar analysis as presented in Table S2, but performed on the other half of the Experiment 1 data (non-max distance trials), again displaying the same trends as the overall dataset.

Predictor of Mean Prey Detection Distance (m)	Coefficient	SE	t statistic
(Intercept)	154.09	6.27	24.57
Environment Type: Grassland	49.73	5.24	9.50
Density	-47.93	4.98	-9.63
Environment Type: Grassland x Density	-11.14	7.13	-1.56

Table S4 - Experiment 2 Response type breakdown.

Environment Wooded %	Correct %	Incorrect %	Non-response %
10	95.24	3.17	1.59
30	93.65	0	6.34
50	85.71	3.17	11.11
70	80.95	3.17	15.87
90	85.71	4.76	9.52

Table S5 - Experiment 2 Pairwise t-tests. Comparisons of mean prey detection distances between the least wooded and all other environments. There were no statistically significant comparisons between the four 30%+ wooded environments and each other.

Environment	
Closed (%)	10
30	t(106) = -3.22, p < 0.01, d = 0.60
50	t(99) = -3.83, p < 0.01, d = 0.72
70	t(103) = -4.90, p < 0.001, d = 0.92
90	t(109) = -3.29, p < 0.001, d = 0.62