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Wildlife Research

Supplementary Material

Rabbit warrens: an important resource for invasive alien species in semi-arid Australia

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Supplementary Table S1: Location of rabbit warrens, number of active and inactive burrow entrances and number of days each camera was active for each warren on which a camera was placed on and nearby in the Ikara- Flinders Ranges National Park, South Australia.

Warren	Latitude	Longitude	Active Burrow Entrances	Inactive Burrow Entrances	Total Burrow Entrances	Days Warren Camera Active	Days Structure Camera Active
1	-31.342	138.649	24	8	32	63	86
2	-31.347	138.648	40	9	49	86	86
3	-31.338	138.605	8	2	10	85	15
4	-31.299	138.587	30	11	41	87	87
5	-31.303	138.585	18	8	26	87	87
6	-31.329	138.589	58	18	76	89	30
7	-31.333	138.588	13	5	18	87	87
8	-31.337	138.586	21	4	25	87	87
9	-31.336	138.617	45	8	53	89	89
10	-31.304	138.588	28	7	35	28	49
11	-31.329	138.593	42	9	51	94	94
12	-31.338	138.622	14	6	20	62	62
13	-31.334	138.601	13	3	16	85	85
14	-31.346	138.644	11	3	14	86	86
15	-31.321	138.592	15	11	26	86	86
16	-31.336	138.611	10	8	18	86	86
17	-31.335	138.614	16	8	24	86	86
18	-31.339	138.613	15	7	22	86	86
19	-31.335	138.624	19	1	20	86	85
20	-31.311	138.588	32	5	37	87	87
21	-31.314	138.588	9	12	21	87	87
22	-31.314	138.591	24	4	28	87	83
23	-31.319	138.591	65	7	72	87	28
24	-31.333	138.632	31	16	47	86	86
25	-31.340	138.652	18	15	33	86	78

Analysis of Deviance Table																		
Model: bv0 ~ pos																		
Multivariate Test:																		
	Res. Df				Df. Diff				Dev				Pr(>Dev)					
(Intercept)	49																	
Position	48				1				141.3				0.001				***	
Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1																		
Univariate Tests:																		
	House Mouse		European Rabbit		Euro		Cat		Short-beaked echidna		Dunnart species		Red Kangaroo		Broad-banded sand-swimmer		Comb-eared skink species	
	Dev	Pr(>Dev)	Dev	Pr(>Dev)	Dev	Pr(>Dev)	Dev	Pr(>Dev)	Dev	Pr(>Dev)	Dev	Pr(>Dev)	Dev	Pr(>Dev)	Dev	Pr(>Dev)	Dev	Pr(>Dev)
(Intercept) Position	31.569	0.001	18.364	0.001	0.348	0.995	18.922	0.001	0.517	0.992	1.714	0.828	2.32	0.713	22.411	0.001	0.06	1.0
	Boulenger's snake-eyed skink		Sand goanna		Southern whiteface		White-browed babbler		Crow/raven species		Short-beaked corella		White-winged fairy-wren		Red-capped robin		Australian magpie	
	Dev	Pr(>Dev)	Dev	Pr(>Dev)	Dev	Pr(>Dev)	Dev	Pr(>Dev)	Dev	Pr(>Dev)	Dev	Pr(>Dev)	Dev	Pr(>Dev)	Dev	Pr(>Dev)	Dev	Pr(>Dev)
(Intercept) Position	0.081	1.000	3.25	0.480	0.039	1.000	0.106	1.000	1.969	0.781	0.099	1.000	1.289	0.853	2.231	0.725	5.101	0.199
Test Statistics calculates assuming uncorrelated response (for faster computation)																		
P-value calculated using 999 iterations via PIT-trap resampling																		

Supplementary Table S2: Analysis of Deviance Table and Univariate test results of species with greater than ten events on cameras deployed in the Ikara-Flinders Ranges National Park from multivariate abundance analysis. Position refers to position of camera being either on burrow entrance of rabbit warren or nearby above-ground structure.