

Supplementary Material

Table S1. Variance inflation factors (VIF) for variables fit in ZIP GLMM. Variables with VIF >5 were removed prior to analyses.

Term	VIF
All	
Openness	1.02
Vegetation	1.01
DA	1.09
Human	1.05
Traffic	1.06
Reduced	
DA	1.05
Human	1.04
Traffic	1.06

Table S2. Total independent camera detections at sites of bridges and culverts:

Bridges and culverts	Species					Total
	Masked	Yellow-	Leopard cat	Hog	Malayan	
	Palm	throated		Badger	Porcupine	
	Civet	marten				
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	1	0	0	0	0	1
4	47	0	29	3	0	79
5	0	1	0	0	0	1
6	9	6	7	0	0	22
7	1	0	0	0	1	2
8	0	0	0	0	0	0
9	10	0	2	0	0	12
10	99	0	51	0	0	150
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
Total	167	7	89	3	1	267

Table S3. Total independent camera detections at controls sites.

Species																					
Sit	Leop	Malay	Asi	Temmi	Gold	Chest	Mas	Yell	Siber	Sichua	Blue	For	Alp	Tuf	Reev	Bloo	Wi	Chin	Asiati	Hog	To
es	ard	an	atic	nck's	en	nut-	ked	ow-	ian	n	Eare	est	ine	ted	es's	d	ld	ese	c	Bad	tal
	Cat	Porcu	Bla	Tragop	Phea	throat	Pal	throa	Wea	Snu	d	Mu	Mu	Dee	Munt	Phea	Bo	Sero	Brush	ger	
		pine	ck	an	sant	ed	m	ted	sel	b-	Phea	sk	sk	r	jac	sant	ar	w	-tailed		
			Bea			Partri	Cive	mart		nos	sant	Dee	Dee						Porcu		
			r			dge	t	en		ed		r	r						pine		
										Mo											
										nke											
										y											
1	0	0	0	0	0	1	0	0	0	0	0	0	0	19	3	15	0	0	0	0	38
2	0	1	0	4	25	0	0	1	0	0	3	0	0	12	9	21	0	2	0	0	78

3	1	0	2	4	0	0	0	1	0	0	2	0	0	3	0	26	1	3	1	0	44
4	1	0	0	6	2	0	0	0	0	0	1	0	0	5	1	20	0	1	0	0	37
5	3	7	0	1	0	1	1	1	2	1	0	0	0	4	0	33	0	3	0	0	57
6	0	0	0	1	0	0	0	2	0	2	0	0	0	7	1	24	1	2	0	0	40
7	0	0	2	4	11	0	0	0	4	0	0	0	1	13	1	22	1	1	0	0	60
8	2	1	0	2	1	1	11	3	1	3	0	1	0	9	0	10	0	1	0	1	47
9	0	1	1	1	0	1	1	0	1	3	0	0	0	1	0	16	0	1	0	0	27
10	1	0	0	0	0	0	0	1	1	1	1	0	0	16	0	14	0	3	0	0	38
11	0	0	0	2	0	0	2	1	5	0	1	0	0	2	2	24	2	0	1	0	42
12	0	0	2	2	2	0	1	1	0	1	0	0	0	5	2	23	2	0	0	0	41
13	2	0	0	1	0	1	0	0	0	0	0	0	0	13	0	6	0	2	0	2	27
14	2	0	1	7	14	0	1	0	0	0	0	0	0	9	3	3	0	1	0	0	41
15	0	0	0	1	8	2	0	0	0	1	0	0	0	11	7	5	1	1	0	1	38

16	2	0	0	1	0	1	0	0	0	1	0	1	0	9	0	9	2	2	0	2	30
17	0	2	0	2	0	0	0	1	0	0	0	0	0	3	1	24	0	1	0	0	34
18	0	0	2	5	15	3	0	0	1	1	0	0	0	12	11	20	1	0	0	0	71
19	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	13	0	0	0	0	15
20	0	0	0	3	0	1	0	0	0	3	0	0	0	6	0	12	0	0	0	0	25
21	0	0	1	2	0	2	0	0	0	0	0	0	0	8	0	9	1	0	0	0	23
22	0	0	0	0	0	2	0	0	6	0	0	0	0	2	0	13	0	0	0	0	23
23	2	0	1	1	0	0	0	1	1	0	0	0	0	6	0	9	0	0	0	0	21
24	0	0	0	0	0	0	0	1	0	3	0	0	0	1	0	10	2	1	0	3	21
25	0	0	0	0	0	1	0	1	0	0	0	0	0	12	1	17	5	1	0	0	38
26	0	0	7	4	2	0	3	0	0	0	2	0	0	0	2	10	0	0	0	0	30
27	2	1	3	1	0	0	0	0	0	0	0	0	0	12	0	2	3	1	0	0	25
28	0	0	0	0	0	2	0	0	1	0	6	0	0	7	0	12	0	0	0	0	28

[illegible]