



Wildlife Populations Monitoring with Systematic Camera-trap Surveys in Nakaï-Nam Theun National Park 2018-2023



Strategic Rationale: To evaluate the management efforts implemented, it is critical to monitor population abundance of key indicator species across time

2018-2019
 Total operational stations: 131
 Total operational cameras: 256
 Total camera-trap nights: 20 183
 Survey period: Feb-May 2018 to Nov 2018-May 2019

2020
 Total operational stations: 131
 Total operational cameras: 255
 Total camera-trap nights: 20 794
 Survey period: Feb-Aug 2020

2022-2023
 Total operational stations: 128
 Total operational cameras: 239
 Total camera-trap nights: 22 645
 Survey period: Dec 2022 to July 2023

# taxa identified	species	IUCN Red List of Threatened Species category (2023)	2018-2019	2020	2022-2023
			n stations	n stations	n stations
Pangolin(s) Manis					
1	Sunda Pangolin – <i>Manis javanica</i>	CR	6	11	25
Rabbits					
2	Annamite striped rabbit – <i>Nesolagus timminsi</i>	EN	0	1	2
Small carnivores					
3	Binturong – <i>Arctictis binturong</i>	VU	2	4	2
4	Common Palm Civet – <i>Paradoxurus hermaphroditus</i>	LC	76	80	57
5	Crab-eating Mongoose – <i>Herpestes urva</i>	LC	50	67	51
-	Ferret badger(s) – <i>Melogale</i>	LC	98	86	87
6	Greater Hog Badger – <i>Arctonyx collaris</i>	VU	4	37	24
7	Large Indian Civet – <i>Viverra zibetha</i>	LC	7	18	12
8	Masked Palm Civet – <i>Paguma larvata</i>	LC	76	78	77
9	Owston's Civet – <i>Chrotogale owstoni</i>	EN	24	24	16
10	Spotted Linsang – <i>Prionodon pardicolor</i>	LC	20	20	22
-	Weasel(s) – <i>Mustela</i>	-	20	16	19
11	Yellow-throated Marten – <i>Martes flavigula</i>	LC	74	91	80
Cats					
12	Leopard Cat – <i>Prionailurus bengalensis</i>	LC	8	9	28
Primates					
13	White-cheeked gibbon(s) – <i>Nomascus siki/leucogenys</i>	CR	1	1	0
14	Hatinh Langur – <i>Trachypithecus hatinhensis</i>	EN	1	1	2
15	Red-shanked Douc – <i>Pygathrix nemaeus</i>	CR	5	4	7
16	Assamese Macaque – <i>Macaca assamensis</i>	NT	63	82	80
17	Northern Pig-tailed Macaque – <i>Macaca leonina</i>	VU	42	43	44
18	Rhesus Macaque – <i>Macaca mulatta</i>	LC	6	17	15
19	Stump-tailed Macaque – <i>Macaca arctoides</i>	VU	29	27	35
-	Unidentified macaque(s) – <i>Macaca</i>	-	10	35	25
20	Bengal Slow Loris – <i>Nycticebus bengalensis</i>	EN	0	0	1
21	Pygmy Slow Loris – <i>Nycticebus pygmaeus</i>	EN	0	0	1
Bears					
22	Sun Bear – <i>Helarctos malayanus</i>	VU	12	6	18
23	Asiatic Black Bear – <i>Ursus thibetanus</i>	VU	1	1	0
-	Unidentified Bear	VU	1	0	1
Ungulates					
24	Large-antlered Muntjac – <i>Muntiacus vuquangensis</i>	CR	64	90	86
25	Northern Red Muntjac – <i>Muntiacus vaginalis</i>	LC	49	65	58
26	Roosevelts'-group Muntjac(s) – <i>Muntiacus cf. rooseveltorum</i>	DD	29	38	34
-	Unidentified muntjac(s) – <i>Muntiacus</i>	-	66	78	64
27	Lesser Oriental Chevrotain – <i>Tragulus kanchil</i>	LC	11	11	17
28	Sambar – <i>Rusa unicorn</i>	VU	10	8	20
29	Mainland Serow – <i>Capricornis sumatraensis</i>	VU	35	33	38
30	Wild Pig – <i>Sus scrofa</i>	LC	68	107	64
Elephant					
31	Asian Elephant – <i>Elephas maximus</i>	EN	0	1	1
Porcupines					
32	Asiatic Brush-tailed Porcupine – <i>Atherurus macrourus</i>	LC	32	30	32
33	East Asian Porcupine – <i>Hystrix brachyura</i>	LC	23	39	43
Squirrels					
34	Black Giant Squirrel – <i>Ratufa bicolor</i>	NT	4	3	3
35	Giant Flying Squirrel – <i>Petaurista</i>	-	0	0	1
Ground birds					
-	Partridge(s)	-	26	25	54
36	Red Junglefowl – <i>Gallus gallus</i>	LC	26	37	44
37	Silver Pheasant – <i>Lophura nycthemera</i>	LC	33	50	41
38	Grey Peacock-pheasant – <i>Polyplectron bicalcaratum</i>	LC	25	22	18
39	Coral-billed Ground-cuckoo – <i>Carpococcyx renauldi</i>	VU	0	1	0

