

The influence of differing hunting practices on the relative abundance of mammals in two rainforest areas of the Western Ghats, India

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Appendix 1

Format used for interviewing forest personnel, local informants and hunters regarding hunting techniques and intensity, prey choice, and influence of socio-cultural factors on hunting practices (see text for details).

1. Age of the person _____ Caste _____ Occupation _____
2. Details of hunting:
 - a. Number of hunting days in a month
Daytime _____ Night-time _____
 - b. Species successfully hunted (in descending order):
Daytime
1 _____ 2 _____ 3 _____ 4 _____
Night-time
1 _____ 2 _____ 3 _____ 4 _____
 - c. Unsuccessful hunting days in a month: _____
 - d. Method of hunting: Guns Traps/Nets Dogs Direct hits (stick/stone)
 - e. Type of gun used for hunting: Unlicensed muzzle loader Licensed gun
 - f. Whether the gun used was personal or borrowed: _____
 - g. Purpose of hunting: Food Crop protection Sport Trade Medicine
3. Animal species that are preferentially hunted:
4. Animal species hunted and consumed in the past:
5. Animal species that are not consumed:

Appendix 2 Checklist and IUCN Red List status (IUCN, 2003) of the mammal species of the Forest and Wildlife Ranges (Table 1, Fig. 1) of Brahmagiri-Makut and Sirsi-Honnavaara.

Species	Brahmagiri-Makut				Sirsi-Honnavaara						Red List status ⁵	
	Srimangala	Makut (Wildlife Range)	Makut (Forest Range)		Janmane	Kumta	Honnavaara	Siddapura	Kyadagi	Gersoppa		
Nilgiri langur <i>Semnopithecus johnii</i> ⁴	P ² (1) ²	A ¹	A		A	A	A	A	A	A	A	VU
Hanuman langur <i>Semnopithecus entellus</i>	P (1)	P (1)	P (1)		P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	LR-nt
Lion-tailed macaque <i>Macaca silenus</i> ⁴	P (6)	P (6)	P (1)		A	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	EN
Bonnet macaque <i>Macaca radiata</i> ⁴	P (6)	P (1)	P (1)		P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	VU
Slender loris <i>Loris tardigradus</i>	P (1)	P (1)	P (1)		P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	VU
Tiger <i>Panthera tigris</i>	P (2,3)	P (2,3)	P (2,3)		P (2,3)	P (2,3)	P (2,3)	P (2,3)	P (2,3)	P (2,3)	P (2,3)	EN
Leopard <i>Panthera pardus</i>	P (2,3)	P (2,3)	P (2,3)		P (2,3)	P (2,3)	P (2,3)	P (2,3)	P (2,3)	P (2,3)	P (2,3)	EN
Jungle cat <i>Felis chaus</i>	P (2,6)	P (2,6)	P (2,6)		P (2,6)	P (2,6)	P (2,6)	P (2,6)	P (2,6)	P (2,6)	P (2,6)	EN
Leopard cat <i>Prionailurus bengalensis</i>	P (1)	P (6)	P (6)		N ²	N	N	N	N	N	N	VU
Rusty spotted cat <i>Prionailurus rubiginosa</i>	N	N	N		N	N	N	N	N	N	N	VU
Fishing cat <i>Prionailurus viverrinus</i>	N	N	N		N	N	N	N	N	N	N	VU
Dhole <i>Canis alpinus</i>	P (2,6)	P (2,6)	P (2,6)		P (2,6)	P (2,6)	P (2,6)	P (2,6)	P (2,6)	P (2,6)	P (2,6)	VU
Golden jackal <i>Canis aureus</i>	P (2,6)	N	P (2,6)		P (2,6)	P (2,6)	P (2,6)	P (2,6)	P (1)	P (2,6)	P (2,6)	VU
Small Indian civet <i>Viverricula indica</i>	P (1,4)	P (2,4,6)	P (2,4,6)		P (6)	P (6)	P (2,6)	P (2,6)	P (2,6)	P (2,6)	P (2,6)	VU
Malabar civet <i>Viverricula civettina</i> ⁴	N	N	N		N	N	N	N	N	N	N	CR
Asian palm civet <i>Paradoxurus hermaphroditus</i>	P (1)	P (4)	P (1)		P (6)	P (6)	P (6)	P (6)	P (1)	P (1)	P (1)	VU
Brown palm civet <i>Paradoxurus jerdoni</i> ⁴	P (1)	P (1)	P (1)		P (6)	P (6)	P (6)	P (1)	P (1)	P (1)	P (1)	VU
Brown mongoose <i>Herpestes fuscus</i>	P (1)	P (6)	P (6)		P (6)	P (6)	P (6)	P (6)	P (6)	P (6)	P (6)	DD
Stripe-necked mongoose <i>Herpestes vitticollis</i>	P (6)	P (6)	P (6)		N(6)	P (6)	P (6)	P (6)	P (6)	P (6)	P (6)	DD

Appendix 2 Continued

Species	Brahmagiri-Makut			Sirsi-Honnavara						Red List status ³
	Srimangala	Makut (Wildlife Range)	Makut (Forest Range)	Janmane	Kumta	Honnavara	Siddapura	Kyadagi	Gersoppa	
Indian Gray mongoose <i>Herpestes edwardsi</i>	P (6)	P (6)	P (6)	P (6)	P (6)	P (6)	P (6)	P (6)	P (6)	P (6)
Otter spp (2 Species) ⁵	P (6)	P (6)	P (6)	P (6)	P (6)	P (6)	P (6)	P (6)	P (6)	P (6)
Nilgiri marten <i>Martes gwatkinsii</i> ⁴	P (6)	P (6)	P (6)	N	N	N	N	N	N	VU
Indian giant squirrel <i>Ratufa indica</i> ⁴	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	VU
Giant flying squirrel <i>Petaurista petaurista</i>	P (1)	P (1)	P (1)	P (1)	P (6)	P (1)	P (1)	P (1)	P (1)	LR:nt
Travancore flying squirrel <i>Petinomys fuscicapillus</i>	N	P (1)	P (1)	N	N	N	N	N	N	VU
Indian muntjac <i>Muntiacus muntjak</i>	P (1)	P (2,6)	P (2,6)	P (2,6)	P (2,6)	P (2,6)	P (1)	P (1)	P (1)	P (1)
Indian spotted chevrotain <i>Tragulus meminna</i>	P (2,6)	P (1)	P (4)	P (2,6)	P (2,6)	P (2,6)	P (2,6)	P (1)	P (1)	P (1)
Wild boar <i>Sus scrofa</i>	P (1)	P (2,6,7)	P (2,6,7)	P (2,6,7)	P (2,6,7)	P (2,6,7)	P (2,6,7)	P (1)	P (1)	P (1)
Sambar <i>Cervus unicolor</i>	P (1)	P (1)	P (1)	P (2,6)	P (2)	P (1)	P (1)	P (1)	P (1)	P (1)
Gaur <i>Bos frontalis</i>	P (1)	P (2,6)	P (2,6)	P (2,6)	P (2,6)	P (2,6)	P (2,6)	P (2,6)	P (2,6)	P (2,6)
Asian elephant <i>Elephas maximus</i>	P (1)	P (1)	P (1)	A	A	A	A	A	A	EN
Indian crested porcupine <i>Hystrix indica</i>	P (4,5,6)	P (4,5,6)	P (1)	P (4,5,6)	P (4,5,6)	P (4,5,6)	P (4,5,6)	P (1)	P (1)	P (4,5,6)
Pangolin <i>Manis crassicaudata</i>	P (5,6)	P (5,6)	P (5,6)	P (5,6)	P (5,6)	P (5,6)	P (5,6)	P (4,5,6)	P (5,6)	LR:nt
Sloth bear <i>Melursus ursinus</i>	P (6)	N	N	P (6)	P (6)	P (6)	P (6)	P (6)	P (6)	VU
Indian hare <i>Lepus nigricollis</i>	P (2,4,6)	P (2,6)	P (2,6)	P (2,6)	P (2,6)	P (2,6)	P (2,6)	P (2,6)	P (2,6)	P (2,6)

¹P, Present; A, Absent; N, No Information.

²1, Sighted; 2, Faecal deposit; 3, Footprints; 4, Body parts; 5, Roost sites; 6, Local information; 7, Crop damage.

³CR, Critically Endangered; EN, Endangered; VU, Vulnerable; LR:nt, Lower risk: near threatened; DD, Data Deficient.

⁴Endemic to India.

⁵Based on local information only, two species are potentially present (oriental small clawed otter *Amblyonyx cinereus* and common otter *Lutra lutra*), but we are not able to determine whether it is one or both of these species.