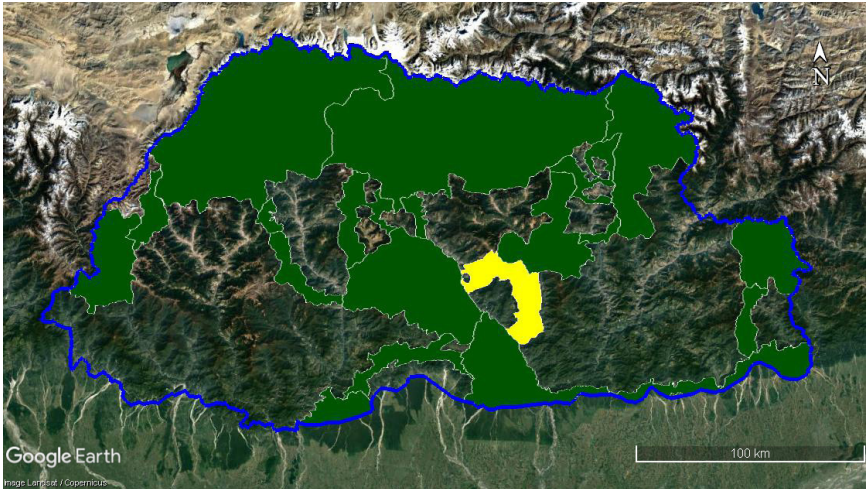




MAMMALS OF BIOLOGICAL CORRIDOR 4



Zhemgang Forest Division
Department of Forests and Park Services
Trong: Zhemgang

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FOREWORD

Bhutan has one of the most extensive protected area networks, where more than 51.44% of the country is designated as national parks, wildlife sanctuaries, strict nature reserves and biological corridors. Of the 51.4% protected area, 84% comprises the national park, wildlife sanctuaries, and strict nature reserves. The remaining 16% includes biological corridors. The biological corridors in Bhutan were declared as a ‘Gift to the Earth’ from the people of Bhutan by Her Majesty the Queen Ashi Dorji Wangmo Wangchuck in the year 1999.

Biological Corridors in Bhutan play a vital role in connecting protected areas with an aim to ensure gene flow through uninterrupted wildlife movements and succession of habitats. Biological Corridors provide a safe haven for a wide range of flora and fauna, including ample conservation of significant species. Bhutan has eight biological corridors and the Biological Corridor 4 is one among them.

This pictorial book gives insight into rich mammalian diversity within biological corridor 4, although restricted species for now. I share my heartiest appreciation to the management and field colleagues involved in publishing this pictorial book and look forward to similar publications in the future.



(Lobzang Dorji)

Director

Department of Forests and Park Services

ACKNOWLEDGEMENT

The management of Zhemgang Forest Division would like to offer our appreciation to all the field colleagues involved in Rapid Biodiversity Survey, camera trapping and compilation of data. This book would not have seen the day of light without their sincere and dedicated effort.

Lastly, we would also like to thank GEF-LDCF NAPA III and Bhutan For Life (BFL) for their gracious funding support for publication of this pictorial book.

BACKGROUND

Biological Corridor 4 is the largest biological corridor in Bhutan covering an area of 594.65 sqkm and 40km in length. The corridor is located between the longitudes 90°35'22.14" E and 90°56'49.83"E and latitudes 27°23'5.66"N and 27°1'2.15"N. It stretches from Manas area under Zhemgang Dzongkhag (South and East) to Langthel under Trongsa Dzongkhag (West) to Choongphel area under Bumthang Dzongkhag (North). The corridor connects Royal Manas National Park in the south, Phrum-sengla National Park in the north, and Jigme Singye Wangchuck National Park in the west.

Biological Corridor 4 has very rich floral and faunal biodiversity and home to many threatened species. Corridor recorded 40 species of mammals to date. This pictorial book contains photographs of mammals recorded through rapid biodiversity survey, camera trapping and opportunistic observation. Although this book displays 27 mammal species, 66.67% of species are threatened. This book mainly aims to provide glimpse of mammal species recorded from Biological Corridor 4 and their conservation importance.

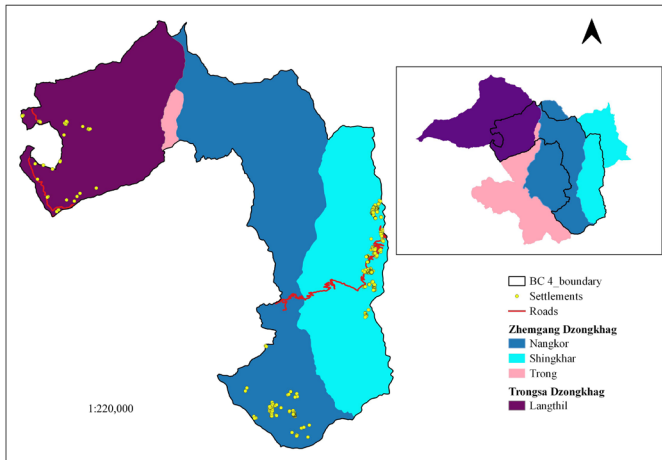


Figure 1: Administrative boundary of Biological Corridor 4

AILURIDAE



Common name: Red Panda
Scientific name: *Ailurus fulgens*
Conservation status: Endangered

BOVIDAE



Common name: Gaur
Scientific name: *Bos gaurus*
Conservation status: Vulnerable



Picture courtesy: Om Nath Raika, ZFD

Common name: Himalayan Goral
Scientific name: *Naemorhedus goral*
Conservation status: Near Threatened



Common name: Himalayan Serow

Scientific name: *Capricornis thar*

Conservation status: Vulnerable

CERVIDAE



Common name: Sambar
Scientific name: *Rusa unicolor*
Conservation status: Vulnerable



Common name: Barking Deer

Scientific name: *Muntiacus muntjak*

Conservation status: Least Concern

CANIDAE



Common name: Dhole
Scientific name: *Cuon alpinus*
Conservation status: Endangered

CERCOPITHECIDAE



Picture courtesy: Om Nath Raika, ZFD

Common name: Capped Langur
Scientific name: *Trachypithecus pileatus*
Conservation status: Vulnerable



Picture courtesy: Om Nath Raika, ZFD

Common name: Gee's Golden Langur

Scientific name: *Trachypithecus geei*

Conservation status: Endangered

FELIDAE



Common name: Bengal Tiger

Scientific name: *Panthera tigris*

Conservation status: Endangered



Common name: Common Leopard

Scientific name: *Panthera pardus*

Conservation status: Vulnerable



Common name: Clouded Leopard

Scientific name: *Neofelis nebulosa*

Conservation status: Vulnerable



Common name: Asiatic Golden Cat

Scientific name: *Catopuma temmincki*

Conservation status: Near Threatened



Common name: Leopard Cat

Scientific name: *Prionailurus bengalensis*

Conservation status: Least Concern



Common name: Marbled Cat

Scientific name: *Pardofelis marmorata*

Conservation status: Near Threatened

HYSTRICIDAE



Common name: Asiatic Brush-tailed Porcupine

Scientific name: *Atherurus macrourus*

Conservation status: Least Concern



Common name: Himalayan Porcupine

Scientific name: *Hystrix brachyura*

Conservation status: Least Concern

MOSCHIDAE



Common name: Himalayan Musk Deer

Scientific name: *Moschus leucogaster*

Conservation status: Endangered

MUSTELIDAE

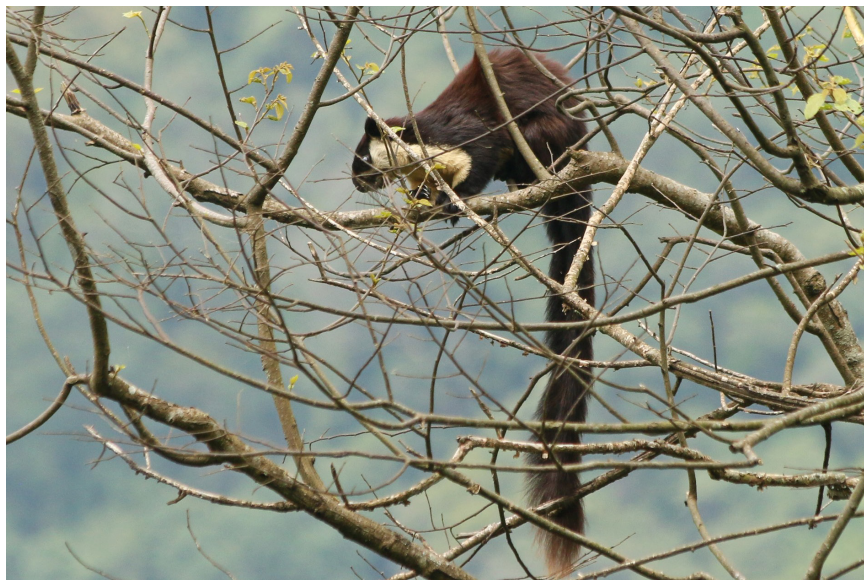


Common name: Yellow-throated Marten

Scientific name: *Martes flavigula*

Conservation status: Least Concern

SCIURIDAE



Picture courtesy: Om Nath Raika, ZFD

Common name: Malayan Giant Squirrel

Scientific name: *Ratufa bicolor*

Conservation status: Near Threatened



Picture courtesy: Om Nath Raika, ZFD

Common name: Particolored Flying Squirrel

Scientific name: *Hylopetes alboniger*

Conservation status: Least Concern



Picture courtesy: Om Nath Raika, ZFD

Common name: Hoary-bellied Squirrel
Scientific name: *Callosciurus pygerythrus*
Conservation status: Least Concern



Picture courtesy: Om Nath Raika, ZFD

Common name: Himalayan Striped Squirrel

Scientific name: *Tamiops mccllellandii*

Conservation status: Least Concern

SUIDAE



Common name: Wild Pig
Scientific name: *Sus scrofa*
Conservation status: Least Concern

URSIDAE



Common name: Asiatic Black Bear

Scientific name: *Ursus thibetanus*

Conservation status: Vulnerable

VIVERRIDAE



Common name: Common Palm Civet

Scientific name: *Paradoxurus hermaphroditus*

Conservation status: Least Concern



Common name: Masked Palm Civet

Scientific name: *Paguma larvata*

Conservation status: Least Concern

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