Himalayan Nature Park Kufri

Annual Report for the year 2017-18

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- 1. Report of officer incharge:- Report made by Rajesh Sharma Divisional Forest Officer Wildlife Division Shimla controller of Himalayan Nature park Kufri.
- 2. **History of zoo:** Himalayan Nature park kufri was established in 1992. Prior to setting up of the nature park part of the present area of the park used to be musk deer farm since 1965. in the yaear 1996 it was recognized as Himalayan nature park kufri by the central zoo authority of india.
- 3. Vision:- Public should view the zoo as
 - 1 A scientific institution engaged in animal welfare and conservation of wildlife
 - 2 A centre of knowledge on effective technique for maintaining healthy ambience and pollution free environment.
 - 3.An institute of excellence in conservation breeding
 - 4. An institute of excellence in conservation breeding
 - 4. Mission:- develop amongst visitors empathy towards wild animals and motivate them to support the cause of conservation and motivate them to support the cause of conservation of wildlife develop among the visitors an understanding about the ecological linkages with the life supporting processes of nature and living in harmony with nature

Assisting the national efforts for conservation of the western Himalayan eco system by ex situ conservation and research to augment these conservation initiatives

5. Objective:- The objective of the park are as follows:

To sensitize people towards the needs of wildlife conservation and create in them empathy towards wildlife .

Ex situ conservation of endangered western Himalayan species and displaying representative species of fauna of state in natural habitat

Initiating applied research on animal biology, behavior and health care

Educating the visitors about the rare and threatened species of fauna

And flora of thew state ,reason for the decline in numbers of these species of fauna and measures. that are essential to safeguard these species from the extinction

6. About us: - The HNP Kufri Zoo is managed by Shimla Wildlife Division which directly comes under HP State Government. The Zoo is under in charge Range Forest Officer Wildlife Kufri.

Sr no	Particulars	Information
Basic in	formation about the zoo	
1.	Name of the zoo	Himalayan Nature Park Kufri
2	Year of establishment	05.05.1992
3	Address of zoo	Wildlife Range Kufri Shimla
4	State	Himachal Pradesh
5	Telephone no	0177 2623993
6	Fax	0177 2623993
7	Email address	Satishgupta23461@yahoo.com
8	Website	Hpforest.nic.in/hnpzookufri.org
9	Distance from nearest	Airport- Jubberhatti- 30 Km
		Railway Station Shimla- 17 Km
		Bus stand Shimla-15 km
10	Recognition valid upto	22-03-2020
11	Category of Zoo	Mini Zoo
12	Area (in hectare)	90.40hact
13	Number of visitors (Financial Yea) approx	1,30,000
	, , , ,	
14	Visitors facility available in zoo	Drinking water
	,	Toilets
		Rain shelters
		Canteen
		Watchtowers
15	Weekly closure day of the zoo	Tuesday

Himanshu Range Forest Officer Wildlife Kufri Dr. Rohit Sharma Sh. L.Narsimha
Sh. L.Narsimha
Sh. L.Narsimha
Staff posted at HNP Kufri
Himachal Pradesh Government HP Forest Department Wildlife
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Ving.
Secretary Forest Himachal
Secretary Forest Himachal Pradesh Secretariat Shimla Pin-
-

7. Organizational chart:-

Forest Secretary
Principal Chief conservator forest (Wildlife)
Chief Conservator forest Shimla South(Wildlife)
Divisional Forest Officer Wildlife Shimla
Range Forest Officer Wildlife Range, Kufri.

8. Human Resources:-

Manpower of the zoo

Sr no	Designation	No of sanctioned posts	Names
1	Range Forest Officer	1	Himanshu
2.	Block Forest officer Zoo	1	Rajender Chauhan
3.	Forest Guard Zoo	1	Sanjeev Kumar
4	Forest Guard Zoo	1	Gulab Singh
5	Multiple workers at Zoo/Animal	10	Mam Ram
	attendants etc		Kanta Devi
			Babu Ram
			Babita Devi
			Geeta Ram
			Hari Chand
			Gulab Singh
			Sanjeev
			Virender
			Shanta Devi

9. Capacity building of zoo personnel:-

Sr no	Name and designation of zoo personal	Subject matter of training	Period of training	Name of institution where training
				attended

10. Zoo advisory committee-

- a. Date of constitution-
- b. Members
- c. Dates on which meetings held during the year

11. Health advisory committee:-

- a) Date of constitution
- b) Members
- c) Dates on which meetings held during the year

12. Statement of income and expenditure of the Zoo:-

Income of zoo for financial year 2017-18= 22, 63,255/-

13. Daily feed schedule of animals:-

Sr no	Species	Feed item	Quantity		Day of fasting	
			Winter	Summer		
1	Leopard-	Chicken, goat meat	2.75/3.00/Kg/day	9Kg/day	Tuesday	
2	Leopard cat- 1	Chicken	0.5 kg/day	0.5 Kg/day	Tuesday	
3	Himalayan black bear & Brown	Vegetables Wheat flour	1.5Kg/day/animal	1.5/day/animal		
	Bear.	and maize flour mix	2.250kg/day/animal	2.250Kg/day/animal		

		Groundnuts gur fruits	0.150 0.1gm/day/animal 50 gm/day/animal 0.5 kg/day/animal	0.5 Kg/day/animal	
4	Thar Samhar - Barking deer Musk Dear Ghoral	Cattle feed Feed/ fodder Green fodder	0.6kg/5kg/day/animal .300 kg/10kg/day/animal .350/3.00kg/day/animal	6kg/5kg/day/animal 3.00 kg/10kg/day/animal 350/3.00kg/day/animal	
5	Other Pheasent/ Birds	Mix grain (soyameal wheat grinded maize limegrit mineral mixture)	200 gm/day/pheasant	200 gm/day/pheasant	
		Fruits banana Green Veg	1/4 bananas/day 0.050 fruits .200	1/4 banana/day 0.050 fruits 0.200	
6	Monal/ Tragopan	Mix Grain. Bananas	0.250grm ½ bananas	0.250grm ½ bananas	

14. Vaccination schedule of animals:-

Sr no.	Species	Disease	Name of	Periodicity	Remarks
		vaccinated	vaccine and		
			dosage		
			quantity used		
1	Carnivores		Fellovax	6 months	

15. De-worming schedule of animals:-

Sr no.	Species	Drugs used	Month
1	Herbivores and carnivores as prescribed by vet doctor	After testing faecal matter Albandazole (Panacure)	After 6 months

16. Disinfection schedule:-

Sr no.	Species	Type of	Disinfectant used	Frequency of
		enclosure	and method	disinfection
1.	All enclosures	All enclosures	Safeguard in water	Everyday

17. Health checkup of employees for zoometric diseases:-

Sr no.	Name	Designation	Date of health	Findings of
			checkup	health checkup
1.	All employees directly involved in day to day		March 2018	Nothing specific
	management and cl	eanliness of zoo		

18. Development works carried out in the zoo during the year:

During financial year 2017-18 maintenance of boundary wall of zoo has been done along with maintain ace of herbivore enclosures. Rising of height in herbivore enclosures.

- **19. Educational and Awareness programs during the year**:- general visits of school children and other students of colleges and various institutes visit this zoo throughout the year. Moreover wildlife week is celebrated in nearby schools and children are made aware regarding the wildlife.
- 20. Events and happenings- Wildlife week is celebrated for four days during the month of October in schools nearby Kufri wildlife range.
- **21. Seasonal special arrangements for upkeep of animals:** during winters dry grass straw is given to zoo animas and laid at resting places so that animals don't feel the cold in extreme winters and also diet is little changed accordingly.
- 22. Research work carried out and publication:- Nil
- **23. Conservation breeding programmes of the Zoo:** Though it is nil but zoo management aspires to do same of any animal which CZA may direct.

24. Animal acquisition/transfer/exchange during the year 2017-18:-

Α	Animal arriving	g in the zoo				
	H. NO	Species	Number (M/F)	From which zoo	Date of arrival in the zoo	
	Nil	Nil	Nil	Nil	Nil	
В	Animals going from the zoo					
	H.NO	Species	Number	Going to which zoo	Date of deposition from the zoo	
		Nil				

25. Rescue and rehabilitation of wild animals carried out by the zoo:-

Sr no.	Date of rescue	Species with number of animals rescued with their sex	Received from	Date of submission of report to CWLW/CZA	Action taken	
					Date and place of rehabilitation	Reasons for housing in the zoo
1.	Nil	Nil	Nil	Nil	Nil	Nii

26. Annual inventory of animals:-

Part-A

Inventory report for the year- 2017-18

Endangered species (Animals under schedule 1 and 2 of Wildlife Protection act 1972

Sr	Animal	Scientific	Ор	enin	g sto	ck	Birt	hs		Acq	uisit	io	dis	pos	al	De	ath	1	Clos	sing	stoc	k as
no	name	name	as	on						n									on 3	31.3	.201	.8
			M	F	U	Т	M	F	U	M	F	U	M	F	U	M	F	U	М	F	U	Т
1.	Common leopard	Pantherapard us	1	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	4
2.	Leopard cat	Prionailurus	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
3.	Himalayan black bear	Ursusthibetan us	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1
4.	Barking deer	Muntiacusmu ntjac	6	7	0	13	0	0	0	6	4	0	0	0	0	2	2	0	10	9	0	19
5.	Sambar	Rusa unicolor	2	2	0	4	0	0	1	1	0	0	0	0	0	0	0	0	3	2	1	6
6.	Brown Bear	ursus	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
7.	Musk Deer		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1
8.	RJF		8	12	2	20	0	0	0	0	0	0	0	0	0	0	4	0	8	8	0	16

Part-B
Inventory report for the year 2017-18
Other than Endangered species

Sr	Animal	Scientific	Оре	ening	stoc	k as	Birt	hs		Acq	uisit	io	disp	osa	l	De	ath		Clo	sing s	tock	as on
no	name	name	on							n									31	.3.201	8	
			M	F	U	Т	М	F	U	М	F	U	М	F	U	М	F	U	М	F	U	Т
1.	Himalayan Thar	Hemitragu	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1
2.	Ghoral	Nemorhae	2	6	1	9	0	0	1	0	0	0	0	0	0	0	0	0	2	7	1	10
3.	Monal	Lophophorus impejanus	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
4.	Kalij	Lophura Leucomelano s	3	3	0	6	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	6
5.	Cheer Pheasent	Catreus wallichii	8	16	0	24	0	0	3	0	0	0	0	0	0	0	0	0	8	16	3	27
6.	Westan Tragopan	Tragopan melanocepha lus	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
7∞	Vulture		1	1	0	2	0	0	0	0	0	0	0	0	0	0	0		1	1	0	2
8.	Bhutan Peacock		1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
9.	Golden Pheasent	Chrysolophs pictus	1	1	0	2	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0

10	Lady Armest	1	1	0	2	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1
11	Silver Pheasent	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3

27. Mortality of animals:-

Sr no.	Animal name (with	Scientific	Sex	Date of birth	Reason of
	individual	name			death as per
	identification mark				post mortem
	,if any)				report
1.	Golden Pheasant		M/F 1:1		
2.	RJF		M/F 0:4		
3.	Barking Deer		M/F 2:2		
4.	Lady Armeast		M/F 0:1		
5.	Golden Pheasant		M/F 1:1		

28. Compliance with conditions stipulated by the Central Zoo Authority:-

Sr no.	Norm no .under RZR, 2009	Condition stipulated	Time period to comply	Since when pending	Status with regard to compliance of the conditions

29. List of free living wild animals within the zoo premises:-

- a. Mammals-sambhar, barking deer, ghoral.
- b. Birds Kalij Pheasant, red jungle fowl, Vulture, Cheer Pheasant etc.
- c. Reptiles- vipers, skink etc.

DIVISIONAL FOREST OFFICER WILD LIFE DIVISION SHAMLA

Renuka Ji Mini Zoo

Annual Report for the year 2017-18

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.9	List of free living wild animals within zoo premises	8

- 1. Report of officer in charge- Report made by Rajesh Sharma Divisional Forest Officer Wildlife Division Shimla controller of Renukaji Zoo
- 2. **History of zoo** This zoo was started in to make Renukaji as source of attraction to local as well as other tourists. Renukaji has religious importance and this zoo cater to needs of visitor. In 1985 firstly Lion were brought to Zoo lion safari to visitors was developed. Thereafter various herbivores and carnivores animals were brought to this zoo for public display. At present there are herbivores including and carnivores including 21 indian geese and one Emu alongwithMithun (male) brought from north east.
- 3. **Vision** Vision is to make Renukaji area world renowned not only with respect of having religious importance but also to develop world renowned zoo having animals endangered animals such as tigers etc and possibly conservation programme can be initiated with regard to any such endangered animal in the zoo.
- 4. Mission- Mission of the management is to develop good infrastructure for housing important animals for the zoo such as tiger etc.
- 5. **Objective-** Objective is to develop this place Renukaji from tourist point of view for which this zoo shall play important role moreover it shall provide income opportunities to local youth of the area.
- 6. **About us** The Renukaji Zoo is managed by Shimla Wildlife Division which directly comes under HP State Government. The Zoo is under in charge Range Forest Officer Wildlife Ranukaji.

Sr no	Particulars	Information
Basic in	formation about the zoo	12
1.	Name of the zoo	Renukaji Mini Zoo
2	Year of establishment	1985
3	Address of zoo	Renukaji Mini Zoo o/o
		Renukaji Wildlife Range
		DadahuDisttSirmour Himachal
		Pradesh Pin code-173022
4	State	Himachal Pradesh

5	Telephone no	0177 2623993
6	Fax •	0177 2623993 •
7	Email address	
8	Website	
9	Distance from nearest	Airport- Chandigarh- 100 Km Railway Station- 100 Km Bus stand Nahan-35 km
10	Recognition valid upto	22.03.2020
11	Category of Zoo	Mini Zoo
12	Area (in hectare)	17 hac
13	Number of visitors (Financial Yea) approx	Adult- 1.5 lakhs Children- 50 thousand Total indian- 2 lakhs Total Foreighers 100 Total visitors Around 2 lakhs
14	Visitors facility available in zoo	Visitors can go on battery operated vehicle Toilets Rain shelters Canteen Watchtowers
15	Weekly closure day of the zoo	Nil
Manage	ement personnel of the zoo	
16	Name with designation of officer incharge Name of Veterinary officer	Ashwini Kumar Range Forest Officer Wildlife Renukaji DrAmitRajta
	Name of curator	-
	Name of the Biologist	DrNarsimha

	Name of education Officer	Virender Sharma
	*	
	Name of compounder/Lab assistant	-
Owner/	Operator of the Zoo	
17	Name of operator	Himachal Pradesh
		Government HP Forest
		Department Wildlife Wing
18	Address of the operator	Secretary Forest Himachal
		Pradesh Secretariat Shimla
		Pin- 171002
19	Contact Details phone no of operator	0177-2621586
20	Email address of operator	Forestsecy-hp@nic.in
		, , ,

7. Organizational chart

Forest Secretary

Principal Chief Conservator forest (Wildlife)

Chief Conservator forest Shimla South (Wildlife)

Divisional Forest Officer Wildlife Shimla

Range Forest Officer Wildlife Renuka ji

8. Human Resources

Manpower of the zoo

Sr no	Designation	No of sanctioned	Names	
		posts		
1	Range Forest Officer	1	Ashwini Kumar	

Block Forest officer Zoo	1	Rakesh Kumar
	1	Virender Sharma
	1	Kamlesh Sharma
Multiple workers at Zoo/Animal attendants etc	10	Besu Ram Tula Ram Surat Singh Jagmohan Ranbir Pyarelal Chandru Rooplal Meena ram Kuldeep
	Forest Guard Zoo Forest Guard Zoo Multiple workers at Zoo/Animal	Forest Guard Zoo • 1 Forest Guard Zoo 1 Multiple workers at Zoo/Animal 10

9. Capacity building of zoo personnel

Sr no	Name and designation of zoo personal	Subject matter of training	Period of training	Name of institution where training attended
				9

10. Zoo advisory committee-

- a) Date of constitution-
- b) Members
- c) Dates on which meetings held during the year

11. Health advisory committee

- a) Date of constitution
- b) Members
- c) Dates on which meetings held during the year

12. Statement of income and expenditure of the Zoo

Income of zoo for financial year 2017-18

13. Daily feed schedule of animals.

Sr no	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Leopard- 3 no	Chicken, goat meat	9Kg/day	9Kg/day	Tuesday
2	Leopard cat- 1no.	Chicken	0.5 kg/day	0.5 Kg/day	Tuesday
3	Himalayan black bear 3 no.	Vegetables Wheat flour and maize flour mix	1.125Kg/day/animal 2.250kg/day/animal	1.125/day/animal 2.250Kg/day/animal	1
		Groundnuts gur	50 gm/day/animal 50 gm/day/animal		
		fruits	0.5 kg/day/animal	0.5 Kg/day/animal	

				T .	
4	Swamp deer –	Cattlefeed	2kg/đay/animal	2Kg/day/animal	(***)
	3 no. Samhar -17 no	Chickpea	300 kg/day/animal	300 Kg/day/animal	
	Black buck 5	Спіскрев			
	no Dankin a dana	Green	10 kg/day/animal	10Kg/day/animal	
	Barking deer – 10no	fodder			
	Spotted deer				
	1 no				
5	Red jungle fowl 19 no	Mix grain (soyameal	250 gm/day/pheasant	250 gm/day/pheasant	
	Indian geese	wheat	giii/day/piieasaiit	gin/day/pileasant	
	21 no	grinded	230		
	Emu – 1no	maize			
		limegrit mineral			
		mixture)			
		Fruits banana	4 bananas/day	4 banana/day	
6	Mithun 1 no	Cattle feed	4.5 kg/day	4.5 Kg/day	-
				no ngy day	
		Green grass	30 kg/day	30 Kg/day	

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14. Vaccination schedule of animals

Sr no.	Species	Disesase	Name of	Periodicity	Remarks
	•	vaccinated	vaccine and		
			dosage		
			quantity used		
1	Carnivores		Fellovax	6 months	

15. De-worming schedule of animals

Sr no.	Species	Drugs used	Month
1	Herbivores and carnivores as	After testing faecal	After 6 months
	prescribed by vet doctor	matter	
	4	Albandazole (Panacure)	

16. Disinfection schedule

Sr no.	Species	Type of	Disinfectant used	Frequency of
	•	enclosure	and method	disinfection
1.	All enclosures	All enclosures	Safeguard in water	Everyday

17. Health checkup of employees for zoonotic diseases

Sr no.	Name	Designation	Date of health	Findings of
			checkup	health checkup
1.	All employees directly invol	ved in day to day	March 2018	Nothing specific
	management and cleanline	ss of zoo		

18. Development works carried out in the zoo during the year

During financial year 2017-18 maintenance of boundary wall of zoo has been done along with maintain ace of herbivore enclosures. Drainage system has been repaired in black beer enclosure and enclosure for swamp deer was made fit to use for swamp deers.

- 19. **Educational and Awareness programs during the year** general visits of school children and other students of colleges and various institutes visit this zoo throughout the year. Moreover wildlife week is celebrated in nearby schools and children are made aware regarding the wildlife. Also our local staff who is there with battery operated vehicle educates visitors visiting the zoo regarding the zoo and animals housed therein.
- 20. **Important events and happenings** Wildlife week is celebrated for four days during the month of October in schools and also during local fair at Renuka ji lots of tourists throng at Renuka ji Mini Zoo to have looked at zoo animals.
- 21. Seasonal special arrangements for upkeep of animals- during winters dry grass straw is given to zoo animals and laid at resting places so that animals don't feel the cold in extreme winters and also diet is little changed accordingly.
- 22. Research work carried out and publication- Nil
- 23. **Conservation Breeding programs of the Zoo** Though it is nil but zoo management aspires to do same of any animal which CZA may direct.

24. Animal acquisition/transfer/exchange during the year 2017-18

H. NO	Species	Number	From which	Date of arrival in the
	·	(M/F)	z00	z00
	Spotted Deer	2/2	Nawab Wajib	
			Ali Zoo	*
			Lucknow	30
	Swamp deer	2/2	-do-	5.
	Hog deer	1/2	-do-	
	Barking deer	3/3	Gopalpur Zoo	
			Himachal	
			Pradesh	

H.NO	Species	Number -	Going to which zoo	Date of deposition from the zoo
	Nil			101

25. Rescue and rehabilitation of wild animals carried out by the zoo

S. No.	Date of rescue	Species with number of animals rescued with their sex	Received from	Date of submission of report to CWLW/CZA	Action taken	
					Date and place of rehabilitation	Reasons for housing in the zoo
	Nil	Nil	Nil	Nil	Nil	Nil

26. Annual inventory of animals Part-A

Inventory report for the year

Endangered species (Animals under schedule 1 and 2 of Wildlife Protection act 1972

Sr	Animal	Scientific name	Оре	enin	g st	ock	Bir	ths		Aco	quisit	ion	dis	pos	al	De	ath		Clo	sing	sto	ck
no	name		as o	on															as o	on		
				_	_														31.	3.20)18	
			M	F	U	Т	M	F	U	M	F	U	M	F	U	М	F	U	M	F	U	Т
1	Common leopard	Pantherapardus	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
2.	Leopard cat	Prionailurus	0	2	0	2	0	0	0	0	0	0	0	Ő	0	0	0	0	0	2	0	2
3.	Himalayan black bear	Ursusthibetanus	1	3	0	4	0	0	0	0	0	0	0	0	0	0	1	0	1	2	0	3
4.	Barking deer	Muntiacusmuntjac	3	3	0	6	0	0	0	3	3	0	0	0	0	0	0	0	6	6	0	12
5.	Sambar	Rusa unicolor	10	5	0	15	1	1	0	0	0	0	0	0	Q	0	0	0	11	6	0	17
6.	Black buck	Antilopecervicapara	3	2	0	5	1	0	0	0	0	0	0	0	0	0	0	0	4	2	0	6
7	Swamp deer	Recervusduvaucelli	0	0	0	0	0	0	0	2	2	0	0	0	0	1	0	0	2	1	0	3
8.	Spotted deer	Axis axis	0	0	0	0	0	0	0	2	2	0	0	0	0	1	2	0	1	0	0	1
9.	Hog deer	Axis porcinus	0	0	0	0	0	0	0	1	2	0	0	0	0	1	2	0	0	0	0	2

Part-B

Inventory report for the year

Other than Endangered species

Sr no	Animal name	Scientific name	Ope as o		g sto	ock	Birt	:hs		Acc	luisit	ion	disp	osa	ıl	Dea	ath			sing s 31.3.2		
			M	F	U	Τ	М	F	U	М	F	U	М	F	U	M	F	U	М	F	U	Т
1.	Mithun	Bosfrontalis	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2.	Red jungle fowl	Gallus gallus	8	7	5	20	0	0	0	0	0	0	0	0	0	0	1	0	10	10	0	20
3.	Indian geese		14	8	0	22	0	0	0	0	0	0	0	0	0	0	1	0	14	7	0	21
4.	Emu	Dromaiusnovoehollandiae	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

27. Mortality of animals

Sr no.	Animal name (with individual identification mark ,if any)	Scientific name	Sex	Date of birth	Reason of death as per post mortem report

28 Compliance with conditions stipulated by the Central Zoo Authority

Sr no.	Norm no .under RZR, 2009	Condition stipulated	Time period to comply	Since when pending	Status with regard to compliance of the conditions

29 List of free living wild animals within the zoo premises

- a) Mammals- sambhar, spotted deer, barking deer, ghoral
- b) Birds Common coot ,Babblers, blue jay,Drongos,Hillcrow,kingfisher, Kingfisherred jungle fowl etc
- c) Reptiles- Russel viper, Common lizard etc

DIVISIONAL FOREST OFFICER
WILD LIFE DIVISION SHIMLA