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Renuka ji, Mini Zoo

Annual Report for the year 2019-20

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1. Report of officer incharge- Report made by Rajesh Sharma Divisional Forest Officer Wildlife Division Shimla controller of Renuka Ji 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 this 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 along with Mithun (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 and reptiles 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 Renuka Ji Zoo is managed by Shimla Wildlife Division which directly comes under HP State Government. The Zoo is under in charge Range Forest Officer Wildlife Renuka Ji.

S.No	Particulars	Information
Basic information about the zoo		
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 Dadahu Distt. Sirimour 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 Nahar-35 km
10	Recognition valid upto	18 th May, 2020
11	Category of Zoo	Mini Zoo
12	Area (in hectare)	17 hac

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13	Number of visitors (Financial Yea) approx	Adult- 1.0 lakhs Children- 50 thousand Total indian- 1.5 lakhs Total Foreigners 50 Total visitors Around 1.5 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
Management personnel of the zoo		
16	Name with designation of officer incharge	Davender Singh; Range Forest Officer Wildlife Renukaji Dr Amit Rajta, V.O.
	Name of Veterinary officer	-
	Name of the Biologist	Lakshminarasimha R.
	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 Renukaji

8. Human Resources:

Manpower of the zoo

Sr no	Designation	No of sanctioned posts	Names
1	Range Forest Officer	1	Devinder Singh, Dy. R
2.	Block Forest officer Zoo	1	Rakesh Kumar
3.	Forest Guard Zoo	1	Virender Sharma
4	Forest Guard Zoo	1	Ram Dyal
5	Multiple workers at Zoo/Animal attendants etc	09	Besu Ram Tula Ram Jagmohan Ranbir Pyarelal Chandru Rooplal Meena Ram Kuldeep Singh

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=

13. Daily feed schedule of animals

Sr no	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Leopard- 4 no	Chicken, goat meat	12Kg/day	12Kg/day	Tuesday
3	Himalayan black bear 3 no.	Vegetables	1.125Kg/day/animal	1.125/day/animal	---
		Multi grain mix(oats and millets)	200gm/day/animal	200gm/day/animal	
		Pulse mix (Chickpea 50gm, green gram 50gm, Black gram 50gm, soyabean 50gm)	200 gms/animal/day	200gm/day/animal	
			700 ml	700 ml	

3	Himalayan black bear 3 no.	Vegetables	1.125Kg/day/animal	1.125/day/animal	---
		Multi grain mix(oats and millets)	200gm/day/animal	200gm/day/animal	
		Pulse mix (Chickpea 50gm, green gram 50gm, Black gram 50gm, soyabean 50gm)	200 gms/animal/day	200gm/day/animal	
		Milk	700 ml	700 ml	
		Honey	20 gm	20 gm	
		Hard boiled egg	50 gm	50 gm	
		Enrichment treat (fish in the ice during warmer month; Monday, Wednesday and Saturday	250 gm	250 gm	
		Brown bread/ Multi grain	150 gm	150 gm	
			50 gm	50 gm	

	bread		1.5 kg 1.5 kg 250 gm 300 gm	1.5 kg 1.5 kg 250 gm 300 gm	
	Peanuts and raisins (50:50 ratio)				
	Vegetables				
	Greens				
	Sugarcane (seasonal)				
	Omnivore diet (Tuesday, Thursday and Saturday) [Mazuri or Zupreem]			30 gm	
	Mineral Mix				
4	Swamp deer - 3 no. Samhar - 17 no Black buck 5 no Barking deer - 10 no Spotted deer 1 no	Cattlefeed Chickpea Green fodder	2kg/day/animal 300 kg/day/animal 10 kg/day/animal	2Kg/day/animal 300 Kg/day/animal 10Kg/day/animal	---
5	Red jungle fowl 19 no Indian geese	Mix grain (soyameal wheat)	250 gm/day/pheasant	250 gm/day/pheasant	---

21 no Emu - 1no	grinded maize limegrit mineral mixture)	4 bananas/day	4 banana/day
	Fruits banana		

14. Vaccination schedule of animals

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

15. Deworming 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 enclosure	Disinfectant used and method	Frequency of disinfection
1.	All enclosures	All enclosures	Safeguard in water at entrypoints	Everyday

17. Health checkup of employees for zoonotic diseases

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

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

- 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 Renukaji lots of tourists throng at Renukaji Mini Zoo to have look 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 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 2018-19

Sno	Name of the species	M	F	Total	Received from
1	Common leopard	0	0	0	0

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

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8.	Spotted deer	Axis axis	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
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Part-B

Inventory report for the year

Other than Endangered species

Sr no	Animal name	Scientific name	Opening stock as on			Births			Acquisition			disposal			Death			Closing stock as on 31.3.2020						
			M	F	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T			
1.	Mithun	Bos frontalis	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
2.	Red jungle fowl	Gallus gallus	9	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	10	0	19
3.	Indian geese		13	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	7	0	19
4.	Emu	Dromaius ovohollan diae	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0

5	Star Indian tortoise	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	3
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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
1	Leopard cat	<i>Prionailurus bengalensis</i>	F		As per PM report
2	Barking deer	<i>Muntiacus muntjac</i>	M		As per PM report
3	Barking deer	<i>Muntiacus muntjac</i>	F		As per PM report
4	Black buck	<i>Antelope cervicapra</i>	M		As per PM report
5	Black buck	<i>Antelope cervicapra</i>	F		As per PM report
6	Mithun	<i>Bos frontalis</i>	M		As per PM report
7	Red jungle fowl	<i>Gallus gallus</i>	M		As per PM report
9	Indian geese		M		As per PM report
10	Star Indian tortoise		M		As per PM report
11	Star Indian tortoise		M		As per PM report

28. Compliance with conditions stipulated by the Central Zoo Authority

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

5	Star Indian tortoise	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
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6	Mithun	<i>Bos frontalis</i>	M		As per PM report
7	Red jungle fowl	<i>Gallus gallus</i>	M		As per PM report
9	Indian geese		M		As per PM report
10	Star Indian tortoise		M		As per PM report
11	Star Indian tortoise		M		As per PM 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

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

- a) Mammals- sambhar , spotted deer, barking deer, ghoral
- b) Birds - More than 200 species of birds has been recorded in the WLS Renukaji.
- c) Reptiles- Russell's viper, White lipped pit viper, Forsten's cat snake, Indian cobra, and other non venomous snakes, turtles, lizards, geckos etc.


DIVISIONAL FOREST OFFICER
WILDLIFE DIVISION SHIMLA