

Mini Zoo Rewalsar

Annual Report for the year 2020-2021



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1. **Report of the Officer-in-charge:**

**Divisional Forest Officer,
Wild Life Division, Kullu**

2. **History of the Zoo:-**

Rewalsar Mini Zoo spreading over an area of 4 hac, is one of the centre of attraction for visitors and Nature lovers in Rewalsar. Established in April 1983, it served as main rescue centre for injured or accidently caught animals from surrounding areas. The Mini Zoo is recognized by Central Zoo Authority, MoEF & CC, Govt. of India. At present, this Zoo harbors and displays species like Barking Deer, Sambar, Goral, Spotted deer, Himalayan Black Bear, Porcupine.

3. **Vision:**

The zoo will have healthy animals in naturalistic enclosures in presence of Competent staff to handle them and also with good educational and interpretative facilities.

4. **Mission :**

To offer excellent public service, recreation, and to provide eco-awareness to public. To encourage the people to develop a caring attitude towards wild animals.

5. **Objective:**

- (1) To create awareness about Nature and Wild Life Conservation, recreation and knowledge of Wild Life through study of animal behavior.
- (2) To exhibit the Wild animals in an environment as close as possible to their natural one with opportunity to the visitors also to watch them in similar natural conditions.
- (3) The main objective is to conserve wild animals and to impart conservation education and awareness about the wild animals of the region.
- (4) To exhibit the Wild animals in such a way so as to provide them an environment as close as possible to their natural one and extending an opportunity to the visitors also to watch them in similar natural conditions.
- (5) To provide required recreation and entertainment facilities to the visitors.
- (6) To provide opportunities of research to students on the animal ecology, behavior and disease etc.

6. About us

Sr.No.	Particulars	Information	
Basic Information about the Zoo:			
1	Name of the Zoo	Mini Zoo, Rewalsar	
2	Year of Establishment	April, 1983	
3	Address of the Zoo	Mini Zoo Rewalsar, Teh. Balh, Distt. Mandi, HP.	
4	State	Himachal Pradesh.	
5	Telephone Number	01902-222276.	
6	Fax Number	01902-222276.	
7	E-mail address	dfowlkul-hp@nic.in	
8	Website	http://hpwildlife.gov.in/	
9	Distance from nearest	<p>By Air:</p> <ul style="list-style-type: none"> 95 km. from nearest Kullu-Manali Airport, Bhunter. <p>By Railway :</p> <ul style="list-style-type: none"> 55 Km. from nearest Railway station Joginder Nagar. <p>By Bus :</p> <ul style="list-style-type: none"> Sundernagar to Rewalsar 30 Km. Mandi to Rewalsar 26 Km. 	
10	Recognition Valid up to (Date)	19 August 2021.	
11	Category of zoo	Mini Zoo	
12	Area (in Hectares)	4 ha.	
13	Number of Visitors (Financial Year)	Adult :	8090
		Children :	90
		Total Indian :	8180
		Total Foreigners :	3
		Total Visitors:	8183
14	Visitors' Facilities Available in Zoo	<ul style="list-style-type: none"> Limited Parking available Ticket Window, Drinking Water & Toilets facility Resting places Signage's, information Centre and Souvenir Shop 	
15	Weekly Closure Day of the Zoo	Monday	
Management Personnel of the zoo:			
16	Name with designation of	Sh. Rakesh Kumar, DFO, WL, Kullu.	

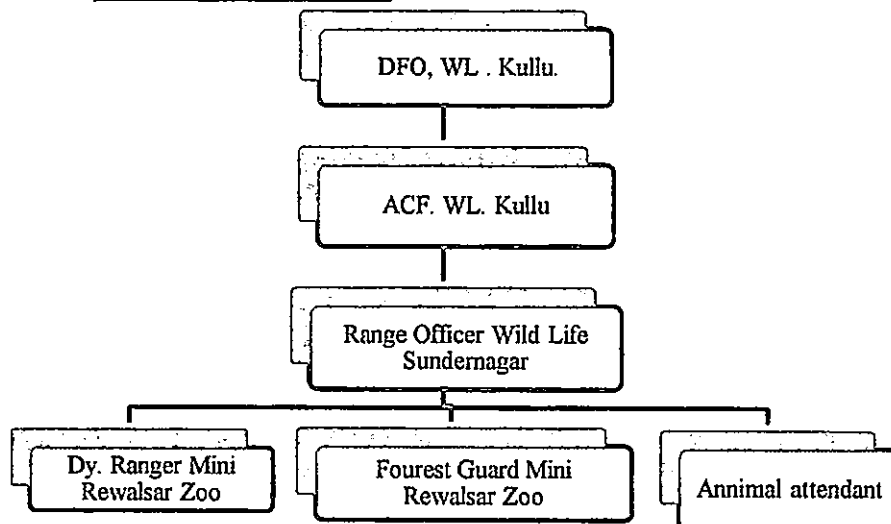
Sr.No.	Particulars	Information
	the Officer in-charge	
	Name of the Veterinary Officer	No Veterinary Doctor has been appointed at Mini Zoo Rewalsar, However Dr. Kailash Thakur Veterinary Officer, posted at Monkey Sterilization Centre, Slappar at Dhanog visits the Zoo from time to time.
	Name of the Curator	NA
	Name of the Biologist	NA
	Name of the Education Officer	NA
	Name of the Compounder/ Lab Assistant	No Veterinary Compounder/ Lab Assistant has been appointed at Mini Zoo Rewalsar. However Sh. Chaman Lal, Pharmacist, posted in Monkey Sterilization Centre, Slappar at Dhanog assists veterinary Doctor.
Owner / Operator of the Zoo:		
17	*Name of the Operator	Addl. Chief Secretary (Forests) to the Govt. of HP.
18	Address of the Operator	Addl. Chief Secretary (Forests) to the Govt. of HP. Shimla, Distt. Shimla HP-171002.
19	Contact details/Phone number of Operator	0177-2622383 Fax-0177-2621154
20	E-mail address of Operator	forestsect-hp@nic.in

* Rule 2(m) of the Recognition of Zoo Rules, 2009.

"Zoo Operator" means the person who has ultimate control over the affairs of the zoos provided that _____

- I. in the case of a firm or other association of individuals, any one of the individual partners or members thereof; or
- II. in the case of a company, any director, manager, secretary or other officer, who is in-charge of and responsible to the company for the affairs of the zoo; or
- III. In case of zoo owned or controlled by the Central Government or any State Government or Union Territory Administration or any Trust or Society funded by the Central Government or a State Government or a Union Territory Administration, the Secretary of the concerned Department of that Government, or as the case may be the Union Territory Administration, shall be deemed to be the Zoo Operator.

7. **Organizational Chart :**



8. **Human Resources:**

Manpower of the Zoo*

Sl.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1	DFO	1	Sh. Rakesh Kumar
2	Range Officer	1	Sh. Pieush Kumar
3	Block Officer,	1	Sh. Chaman thakur
4	Forest Guard	1	Mr. Ajay
5	Animal Attendant	2	Sh. Raj Kumar Sh. Devinder Kumar
6	Chowkidhar	1	Sh.Chintamani

*Please give above-mentioned information in respect of all zoo personnel, from the Officer in-charge up to the Animal Keeper.

9. **Capacity Building of Zoo personnel:**

Sr.No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
1	No Officer/Official/ Animal Attendant have undergone capacity building training during the year 2020-2021.	-	-	-

10. Zoo Advisory Committee : **No Zoo Advisory Committee has been constituted for Mini Zoo Rewalsar.**
- d. Date of constitution -
- e. Members -
- f. Dates on which Meetings held during the year-
11. Health Advisory Committee: **No Health Advisory Committee has been constituted for Mini Zoo Rewalsar.**
- a. Date of constitution -
- b. Members -
- c. Dates on which Meetings held during the year. -

12. Statement of income and expenditure of the Zoo :

Statement of income and expenditure of the Zoo is as under:-

1. Income from Zoo during year: 2020-2021

Entry fee collected from the Visitors:		
Sr. No.	Visitors	No. of visitors
i)	Children	90
ii)	Adults	8090
iii)	Foreigner	3
Total Visitors		8183
Total Visitors Income		40660.00
Total Income Souvenir Shop		0
Grant Total Income of Mini Zoo Rewalsar		40660.00

2. **Expenditure statement of Mini Zoo Rewalsar for the year 2020-2021(HPZSCB-KOLDAM).**

S.NO	Name of Work	Amount
1	C/O i/Chain Around Post Mortem Room	200000.00
2	Repair Of Souvenir Shop	200000.00
4	Major Repair/ Renovation Of Aviary(site development)	800000.00
6	C/O Drain At Present Sambar Enclosure	200000.00
7	C/O Night Shed In Goral Enclosure	75000.00
8	C/O Night Shed In Barking Deer Enclosure	75000.00
9	Major Repair/ Renovation Of Aviary	900000.00
10	Maint. Of Old Store	200000.00
11	Maint. Of Water Supply	40000.00
12	Replacement Of Old/Damaged I/Chain In Sambar Enclosure	850000.00
14	Maint./Repair Of Road From Main Gate To Post Mortem Room	115000.00
15	Landscaping Trecing In Different Deer Enclosure	400000.00

16	Laying of fresh soil in present sambar enclosure	50000.00
17	Cleaning of eupatorium	116000.00
18	Feeding of captive animals	717266.00
19	Wages	62375.00
20	Medicines(disinfectant and phenyl)	14832.00
21	Other(daily needs)	17906.00
	Total	5033379.00/-

13. **Daily feeding Schedule of animals:**

Sr. No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Spotted Deer	Green Tree Leaves	5.00Kg Each	5.00Kg Each	
		Cattle Feed	0.500kg each	0.500kg each	
		Choker	0.100kg each	0.100kg each	
		Salt	0.025kg each	0.025kg each	
2	Barking Deer	Green Tree Leaves	3.00kg each	3.00kg each	
		Cattle Feed	0.400kg each	0.400kg each	
		Choker	0.100kg each	0.100kg each	
		Salt	0.025kg each	0.025kg each	
3	Sambar	Green Tree Leaves	7.00kg each	7.00kg each	
		Cattle Feed	1.500kg each	1.500kg each	
		Choker	0.200kg each	0.200kg each	
		Salt	0.025kg each	0.025kg each	
4	Goral	Green Tree Leaves	3.00kg each	3.00kg each	
		Cattle Feed	0.400kg each	0.400kg each	
		Choker	0.100kg each	0.100kg each	
		Salt	0.025kg each	0.025kg each	
5	Black Bear	Wheat	1.00kg each	1.00kg each	
		Maize	1.00kg each	1.00kg each	
		Green Vegetables	0.500kg each	0.500kg each	
		Ground Nuts	0.200kg each	0.200kg each	
6	Indian Porcupine	Potato	0.500kg each	0.500kg each	
		Ground Nuts	0.050kg each	0.050kg each	
		Black Gram	0.050kg each	0.050kg each	
		Green Vegetables	0.100kg each	0.100kg each	

14. **Vaccination Schedule of animals:**

Sr. No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
No Vaccination schedule has been prepared for Mini Zoo Rewalsar.					

15. De-worming Schedule of animals:

Sr.No.	Species	Drug used	Month
De-worming Schedule has been prepared for Mini Zoo Rewalsar by MSC Veterinarian after fecal examination of Zoo animals as recommended. The De-worming of Animals is done from time to time by Veterinary Officer of MSC, Slappar as per schedule.			

16. Disinfection Schedule:

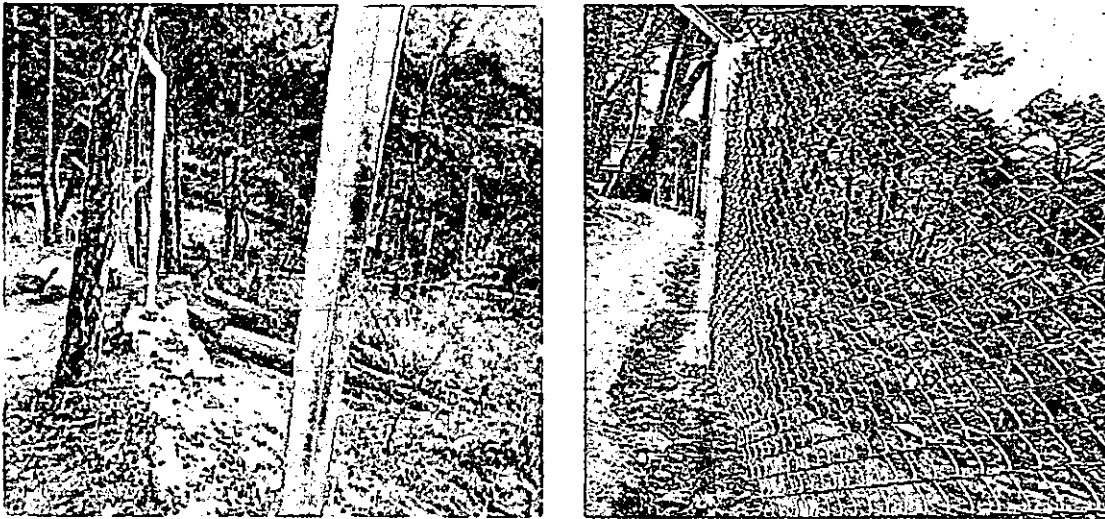
Sr.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
Regular disinfection of the enclosures is done by using disinfectant other than phenyl.				

17. Health Check-up of employees for zoonotic diseases:

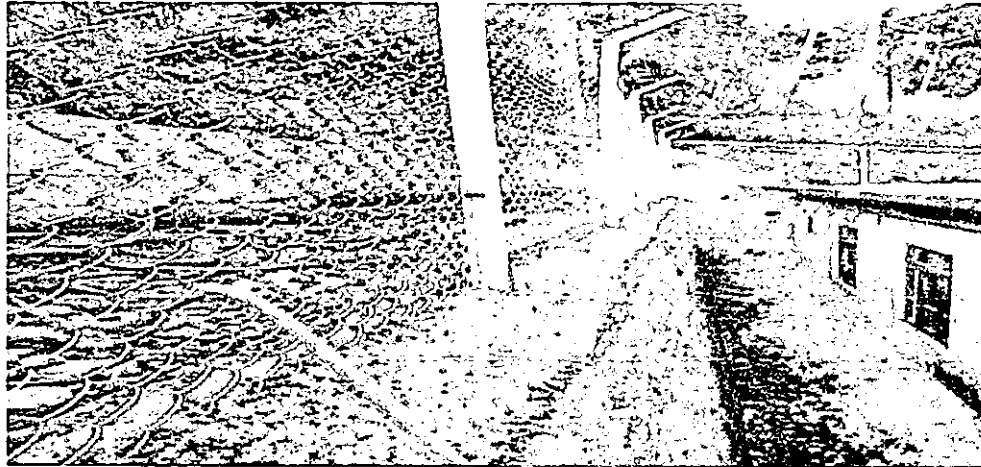
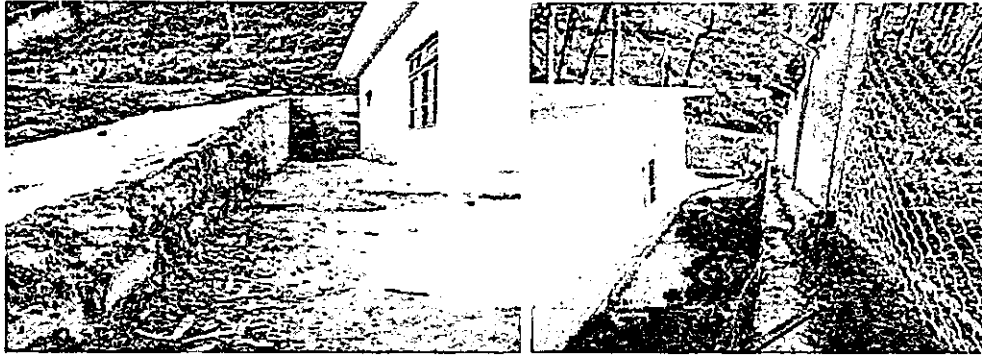
Sr.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
Earlier no health check-up has been done. As per the advice of the Veterinary Doctor health check up of Zoo Staff has been proposed to be done during this year				

18. Development Works carried out in the zoo during the year 2020-2021 are shown

below:



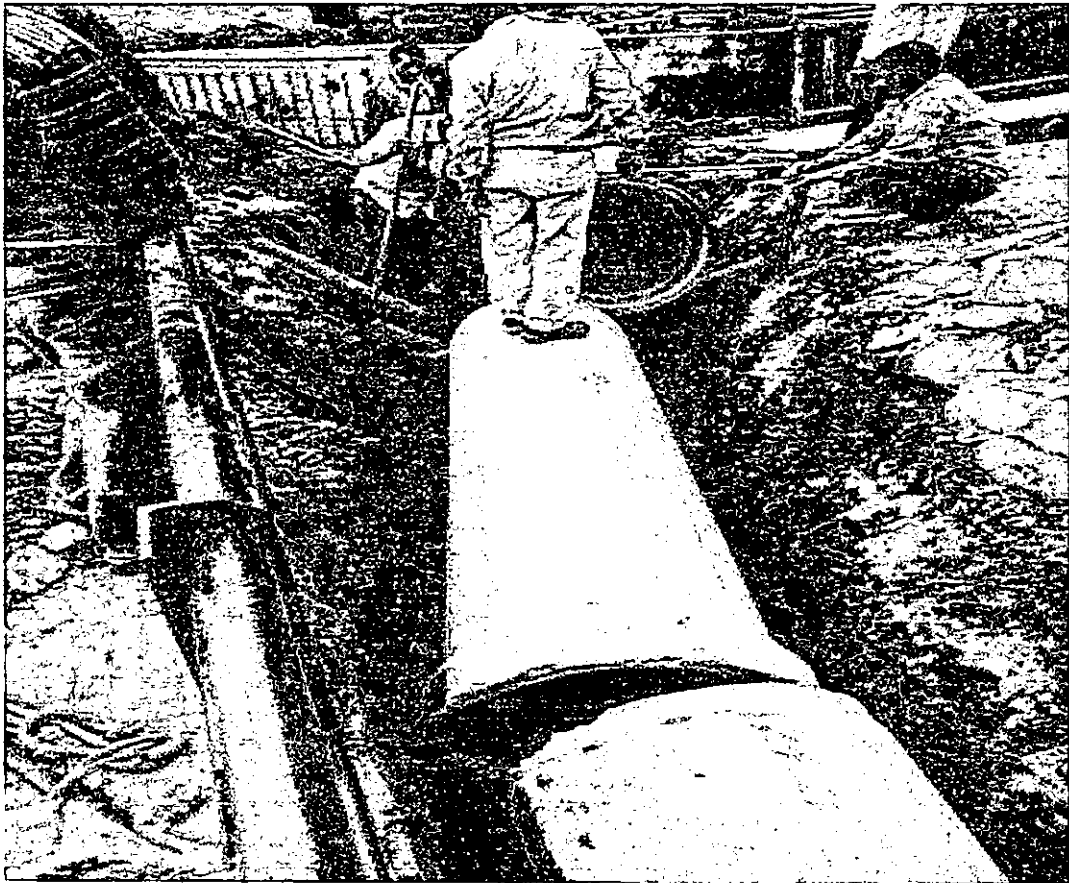
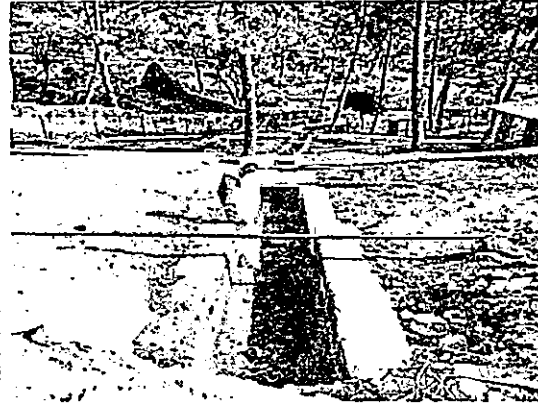
i. Replacement of old/damaged interlink chain in sambar enclosure.



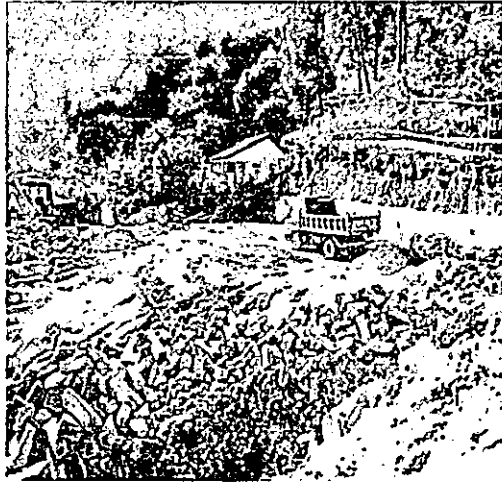
ii. Construction Interlink Chain Around Post Mortom Room.



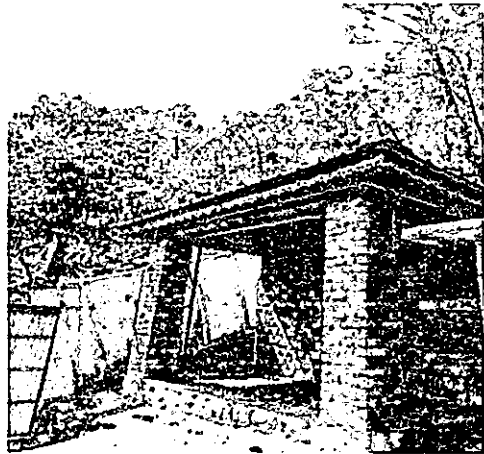
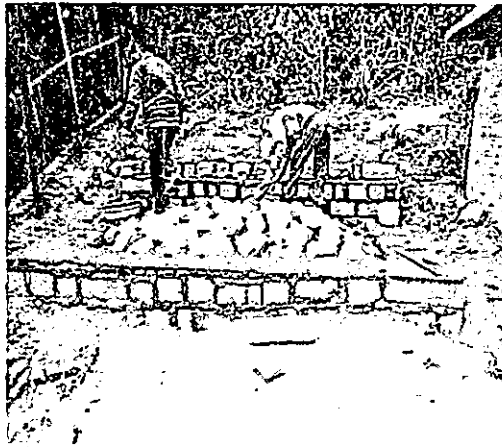
iii. Maintenance Of Old Store At Mini Zoo Rewalsar.



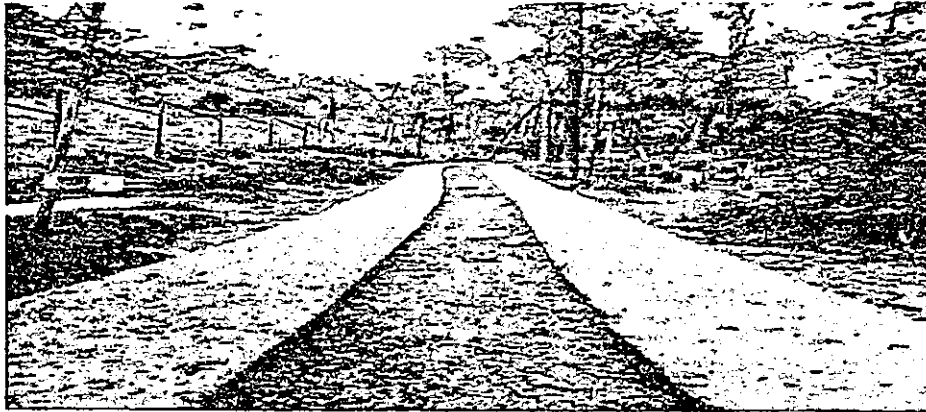
iv. C/O Drain In Present Sambar(Female) Enclosure.



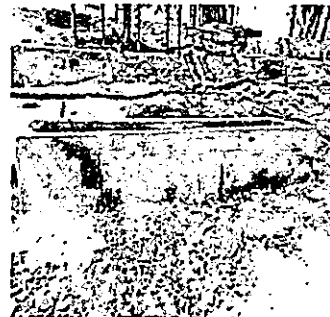
v. Major Repair/Renovation of Aviary In Mini Zoo Rewalsar.(Under Construction)



vi. C/O Night Shed In Goral And Barking Deer Enclosure At Mini Zoo Rewalsar.



vii. Maint./Repair Of Road From Main Gate To Post Mortem Room



viii. - Land Scapping Trecing In Different Deer Enclosure.



ix. **Repair of Souvenir Shop.**

19. Education and Awareness programme during the year: **No Educational and Awareness have been conducted during the year 2020-2021 .**
20. Important Events and happenings: - **Nil**
21. Seasonal special arrangements for upkeep of animals: - **Nil**
22. Research Work carried out and publications:- **No Research work has been carried out during the year 2020-2021.**
23. Conservation Breeding Programme of the Zoo: **No Conservation Breeding Programme is going on in the Zoo.**

24. Animal acquisition / transfer / exchange during the year 2020-2021

A.	Animals arriving in the Zoo				
	H.NO.	Species	Number (M:F)	From which Zoo	Date of arrival in the zoo
	Nil	Nil	Nil	Nil	Nil
B.	Animals going from the zoo				
	H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
	Nil	Nil	Nil	Nil	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 (M: F:U:T)	Received from	Date of Submission of Report to the CWLW / CZA	Action taken	
					Date and Place of rehabilitation on in their habitat	Reasons for housing in the zoo, if not released in their habitat
	Nil	Nil	Nil	Nil	Nil	Nil

26.

Annual Inventory of animals:

Form - II

[See Rule 11(1)]

Part - b

Inventory Report for the Year: 2020-21

Sr. No.	Animal Name	Scientific name	Opening Stock as on 1-4-2020				Births			Acquisition			Disposal			Death			Closing Stock as on 31-3-2021					
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T		
(Schedule II.)			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T		
1	Himalayan Black Bear	<i>Ursus thibetanus</i>	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3		
*Animals under Schedule I and Schedule II of the Wild Life (Protection) Act 1972			<i>Total Animals Schedule II</i>	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3		
(Schedule III.)			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T		
1	Barking Deer (Kakar)	<i>Muntiacus muntjak</i>	1	3	2	6			2			1						2		1	0	3	3	6

2	Sambar Deer	<i>Rusa unicolor</i>	6	17	7	30			3	1						2	2	1	5	17	7	29
3	Spotted deer (Chital)	<i>Axis axis</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
4	Goral	<i>Naemorhedus goral</i>	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0	2
Total Animals Schedule III			9	20	9	38			5	2						4	2	2	8	20	10	38
(Schedule IV).																						
1	Porcupine	<i>Hystrix indica</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
		Total Animals Schedule IV	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
G. Total of Species (Sch. II, III & IV).			13	20	9	42			5	2						4	2		12	20	10	42

27. Mortality of animals:

Sr.No.	Animal Name (with individual identification mark, if any)	Scientific Name	Sex	Date of Death	Reason of Death as per the Post-mortem report
1	Barking Deer (Kakar)	<i>Muntiacus muntjak</i>	Male	30.06.2020	One male barking deer died on 30-06-2020 due to hemarphic shock and asphyxics
			Male	23.02.2021	One male barking deer died on 23-02-2021 due to septicemia
2			Young	11-03-2021	One rescued injured young barking deer found dead at about 5am on dated 11-03-2021 due to hemarffic shock and severe tramma this barking deer received from local people on date 10-03-2021 (about 12pm) from naina devi rewalsar. First aid given by veterinary dr. MSC slapper on 10-03-2021.
4	Sambar deer	<i>Rusa unicolor</i>	Male	15-11-2020	One male sambar died on 15-11-2020 due to septicemia & respiratory failure.
5			Female	22-11-2020	One female sambar died on 22-11-2020 due to septicaemia.
6			Female	27-11-2020	One female sambar died on 27-11-2020 due to asphyxics and bloating.

7			Male	14-01-2021	One male sambar died on 14-01-2021 due to hepaphic shock
8			Young	25-02-2021	One rescued injured young sambar received from R.F.O kangoo on dated 13-02-2021 found dead at about 6am on dated 25-02-2021 due to septicaemia.

28. Status of the 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
-	-	The compliance of the point wise reply of the observation raised by CZA, reference office letter No. 19-36/93CZA(100)(Voll. II)(NS)1158/2019 dated 27.11.2018 has been prepared and enclosed herewith on prescribed format . <i>Annuxer-1 (i-iii)</i> .			

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

- a. Mammals- Barking Deer ,Leopard,Mongoose, monkey(rhesus macaque).
- b. Birds - Jungle Babbler, Red Billed Blue Magpie,Russet Sparrow,Red Jungle Fawl, House Sparrow,Common Myna,Spotted Dove,White Throated Kingfisher,White Caped Redstart,whistling Trush Blue.
- c. Reptiles - Common Lizard,chameleons,Goh.

Encl: As above.


Yours faithfully,


Divisional Forest Officer,
Wild Life Division, Kullu

Reference your office letter No 19-36/93 CZA(100)(Vol.II) (NS) 1158/2019 dated 27 -11-2018			
Sr. No	RZR 2009 Norm No	Particulars of suggestion/ recommendation	Compliance report
1. General requirement:			
1	10.1(1)	The Zoo Should take up animal exchange programme among species housed for infusion of new blood.	Efforts are being made to comply this .
2	10.1(2)	The Zoo should plant indigenous species of plants to make animal feel its natural habitat.	Needful done.
2. Administrative and staffing pattern:			
3	10.2 (1)	The Office in Charge of the Zoo should be delegated with adequate financial and administrative powers for taking immediate decisions concerning health and Welfare of the captive Wild Animals.	Pertains to Higher office .
3. Development and planning:			
4	10.3 (1)	The zoo Should submit master plan for its long term development for approval from CZA.	Needful done.
4. Animal housing display of animals and animal enclosures:			
5	10.4 (2)	The design and dimension of Himalayan black bear enclosure and porcupine enclosure is not as per the standards specifies by CZA. The dimension of night house in case of deer species is not as per prescribed norm. The Zoo Should modify the same after getting prior approval from CZA.	Proposed in the APO for the year 2021-22 unde CAMPA Koldam and HPZCBS.
6	10.4 (3)	The keeper entry to the animal house is from the front visitor viewing side of the enclosure without any barrier between animal and keeper the entry and exit should be made from the service path side, back side of enclosure for the safety of animal and keeper.	Proposed in the APO for the year 2021-22
7	10.4 (6)	The Zoo Should provide species specific enrichment to meet behavioural need of animal.	Needful done
8	10.4 (10)	The Zoo should display bilingual Sinages with the appropriate biological information of the species housed in the enclosures.	Needful done
5. Upkeep and healthcare of animals:			
9	10.5 (4)	The Zoo should construct feeding and retiring cells following prescribed dimensions of CZA provisions of	Proposed in the APO for the year 2021-22.

		kraal should be made for housing the animal during extreme weather conditions.	
10	10.5 (5)	The left over feed excreta of the animal and other waste should be removed on daily basis and same should be disposed hygienically.	Needful done.
11		The provisions of foot bath should be made at entry and exit point of enclosures. Further foot baths should have provisions of proper disinfectant.	Needful done.
12	10.5 (6)	The food and water samples should be tested randomly and periodically for any contaminants at recognized laboratory.	Needful done.
13	10.5 (8)	The Zoo should prepare animal vaccination and deworming schedule in consultation with Veterinary officers of the Zoo. It should be displayed at each enclosure and followed strictly. The records thereof should be maintained.	Needful done.
14	10.5 (9)	The Zoo staff handling the animals should be screened against the zoonotic diseases at least once in a year and the record should be maintained.	Needful is being done.
15	10.5 (10)	The keeper Diary, Daily reports, Animal history Cards and treatment cards should be prepared as per the specified standards/ format of Central Zoo Authority.	Needful done
6. Veterinary and infrastructure Facilities:			
16	10.6 (1b)	The Zoo should construct a treatment room as per approved Master Layout plan with all basic treatment facilities and sufficient Sun light.	Needful done
17	10.6 (5)	The Zoo should appoint full time veterinary support staff to take care of upkeep and feed of animals.	Pertains to higher office .However services of Local Vet. Posted at nearby Govt. Vet Hospital and Vet. Doctor posted at MSC Dhanog utilized to address Veterinary issues.
7. Postmortem and disposal of carcasses of animals:			
18	10.7 (1)	The Zoo should carry out postmortem of every animal that dies in the Zoo.	Needful done.

19	10.7 (2)	The Zoo Should maintain the finding of the postmortem examination. It should be recorded in the prescribed format of the CZA and record should be maintained for at least six years.	Needful done.
9. Acquisition and breeding of animals:			
20	10.9 (4)	The Zoo should pair the following single sexed animals spotted deer (3:0:0), Himalayan Black Bear (3:0:0), Goral (1:0:0) and porcupine (1:0:0).	Efforts are being made to comply this.
21	10.9 (6)	The Zoo should adopt appropriate population control measures for Samber deer as number are quite high 59 (17:33:9) . the surplus animals may be released in their natural habitat following procedure and norms laid in this regard by IUCN & CZA with approval of CZA.	Needful done as present number is 28 (4:17:7).
22	10.9 (10)	The Zoo Should conduct mock drills for disaster management plan for managing any such incidence in future.	Needful done
10. Research activities:			
23	10.10(1)	Zoo should initiate need based research programme in association with local educational institutions.	Efforts are being made to comply this but due to restrictions laid by Govt. due to COVID 19 has not been complied yet.
11. Education and outreach Activities:-			
24	10.11(1)	The Zoo Should celebrate various environment days and wildlife week as initiation of education and outreach programme.	Needful done
12. Visitor facilities			
25	10.12(2)	The Zoo should procure and maintain snake anti venom for visitors or Zoo staff as and when required.	Proposed in APO of 2021-22 under HPZCBS.
26	10.12(3)	The Zoo should make provisions of the wheel chair for the divyangjan for view of animals	Proposed in APO of 2021-22 under HPZCBS.


Divisional Forest Officer,
Wildlife Division, Kullu.