

Annual report

Dhauladhar Nature Park

Gopalpur

Annual Report of activities 2016-2017

Index

<u>Sr.No.</u>	<u>Section</u>
1.	Zoo Activities at a glance
2.	Animal habitats and Upkeep
3.	Animal Health Care
4.	Acquisition, Birth, Death and Disposal of Zoo Animals
5.	Human Resource & Capacity Building
6.	Awareness & Education-meeting
7.	Zoo Visit
8.	Rescue and Rehabilitation of Wild Animals
9.	Financial Performance
10.	Status of Compliance of Conditions stipulated by CZA
11.	Zoo at a Glance

Dhauladhar Nature Park (Zoo) Gopalpur

Dhauladhar Nature Park is located at Gopalpur in District Kangra, H.P. at a distance of 20 km. from Dharamshala, 13 km. from Palampur and 6 km. from famous Chamundaji Devi Temple on Dharamshala-Palampur Road.

Dhauladhar Nature Park is spread over 12.5 hectares with beautifully landscaped gardens interspersed with small forest patches with an abundance of free ranging Birds & Butterfly. Himachal Pradesh has been bestowed by Nature with diverse climatic conditions. The Climate and terrain ranges from sub-tropical to alpine and cold desert conditions which inhabits a wide spectrum of flora and fauna. To enable the public and visitors to enjoy & know about Nature and Wildlife Dhauladhar Nature Park was inaugurated on 23rd April 1992. The Park is located at a place which presents panoramic view of the unique feature of Dhauladhar Nature Park. Adjoining Tea Gardens adds to the beauty of area.

ZOO ACTIVITIES AT A GLANCE (FOR PERIOD APRIL 2016-MARCH 2017)

ANIMAL HABITATS AND UPKEEP

Zoos are dynamic Institutions and being public places are always under visitor scrutiny with respect to the facilities provided both for the animals and people. Thus Changes are imminent to happen. The Central Zoo Authority has approved a Lay out plan for reconstruction of the zoo and the same is to be executed in the next coming years During the year under report following activities were taken up as part of improving upon the existing enclosure and enhancing the enrichment activities to improve the condition of animal enclosure:

- Precaution and preventive measures taken against Avian Influenza outbreak like potassium permanganate solution regularly pour around all the enclosures throughout.
- Footbaths have been made in the entrance of all the enclosures and night sheds of the animals
- Couple of new initiatives taken for Feeding like rain shelters has been made.
- List of wanted, surplus animals and animal collection plan of the Zoo has been prepared and finalized.

ANIMAL HEALTH CARE

- Captive animals and Birds were dewormed on regular basis for reduction of Endo & Ecto parasites.
- A Zoo veterinary team through their regular intervention kept check of the injuries and surgical repair, if any, caused to animals due to infighting or otherwise.
- The rescue and rehabilitation of wild/stray animals is also executed by veterinary unit of the zoo.



Treatment of Leopard



Rescue of Leopard in Wild



Treatment of Himalayan Black Bear

- Disease causing vectors were kept under check through regular tall grass cutting, keeping the hedges trimmed, spreading of lime bleach and fumigation



Treatment of Leopard

ACQUISITIONS, BIRTH, DEATH AND DISPOSAL OF ZOO ANIMALS

During the year under report following acquisitions, birth, death and disposal of animals in the zoo took place.

Sr.No.	Name of Species	Sex				Remarks
		M	F	U	T	
ACQUISITION						
<u>Birds</u>						
1.	Black Kite	0	0	1	1	
2.	Himalayan Griffon	0	0	1	1	
3.	Steppe Eagle	0	0	1	1	
<u>Mammals</u>						
4.	Goral	1	0	0	1	
5.	Sambar	1	0	0	1	
6.	Leopard Cat	0	0	1	1	
BIRTH						
<u>Mammals</u>						
1.	Goral	0	1	0	1	
DEATH						
<u>Birds</u>						
1.	Red Jungle Fowl	0	1	0	1	
<u>Mammals</u>						
2.	Goral	1	0	0	1	
3.	Indian Porcupine	2	0	0	2	
4.	Wild Boar	2	2	0	4	
Sr.No.	Name of Species	Sex				Remarks
		M	F	U	T	
DISPOSAL						
1.	Himalayan Black Bear	2	0	0	2	Sent to NZP New Delhi.
2.	Barking Deer	1	1	0	2	Rescued animals released in Wild.

HUMAN RESOURCE & CPACITY BUILDING

- Veterinary Officers, Range Officer, Block Officer, Forest Guards, Animal Attendant and other officials attend a 3 days' workshop on Human Wildlife Conflict & Wild Life Management at Dhauladhar Nature Park Gopalpur from 28-30 December 2016.



Workshop at DNP Gopalpur



- Veterinary Officers, ACF and Forest Guard Visited PTR Kerala on a 3 days exposure visit.

Sr. No.	Designation	Sanctioned Posts	Incumbency
1.	Veterinary Officer	1	1
2.	Range Officer	1	1
3.	Block officer	2	1
4.	Forest Guards	6	6
5.	Animal Attendants	5	2
6.	Mali	3	3
7.	Forest Workers	2	2
8.	Chowkidar	5	1

AWARENESS AND EDUCATION-MEETING

The Prime object of Dhauladhar Nature Park is educating the visitors about wildlife conservation. It encourages the youth to conserve and use it sustainably, especially the students of school and colleges. Most of the students were made aware of biodiversity and wildlife conservation through the different programs.

Major awareness activities undertaken during the year were :-

A. Wildlife Week Celebrations 2016 :-

Wild Life Week 2016 was celebrated at Gopalpur Zoo today on dated 07th Oct.2016. Wild Life Week is celebrated every year from 2nd Oct. to 8th Oct to sensitize about the values of wild flora and fauna.

The function was organized under the genesis of Wild Life Division Hamirpur and was presided over by the Chief Guest Sh. Kewal Singh Pathania Vice Chairman, State Forest Development Corporation. Dignitaries who graced the occasion were Sh. C.B. Pandey Add. Pr.C.C.F., Sh.D.S. Dadwal ACF Wildlife, DFO HQ. Dharamshala who also conducted Quiz competition...



Vice Chairman Sh. Kewal Singh Pathania highlighted the values of forests and wild animals and our duty to protect these wild species. He also emphasized our compulsions of socio-economic development while conserving our fragile eco-system. Gopalpur Zoo, Migratory birds of Pong Lake, Monkey menace, Change in climatic conditions, Quiz competition were the highlights of the talk.

It is an opportunity to sensitize public to know about wild life wonders of this planet and join hands with department to protect these species before they disappear from this planet as highlighted by the chief conservator of Forests,

Schools from the surroundings took part in various activities like Essay writing, Painting competition and slogan writings. Chief Guest Sh Kewal Singh Pathania also appreciated children who participated in celebrating wild life week and distributed the prizes to the following winners.

B.) Bird Watching & a walk towards a Nature Trail :-

The Residential Bird Watching and a walk towards a Nature Trail is being organized in Dhauladhar Nature Park (Zoo) on 5.10.2016. The Students from surrounding schools took part in this. Around 40 Students & 4 teachers took part in this. In this students were being interacted with Birds, flora & Fauna. The objective of this programme is to promote awareness among young Generation & Conserve the flora & Fauna.

CALL OF WILD (ZOO VISIT)

During the year under report from 1st April,2015 to 31st March 2016 is, the Zoo was physically visited by 1,92,828 visitors.

The Zoo has a website of its own GopalpurZoo.Com

RESCUE AND REHABILITATION OF WILD ANIMALS

Sr.No.	Name of Species	No. of Specimen	Date	Cause of rescue	Action Taken/Outcome
1.	Leopard	Two (male) & One (Female)	9.4.2016 & 22.1.2017 & 12.3.017	<p>* One injured leopard rescued by Una forest and handed over to zoo for treatment</p> <p>* One is rescued by Amb forest range and handed over to zoo for treatment</p> <p>* One is also rescued by</p>	<p>* Treated for one day in Zoo & died on 10.4.2016</p> <ul style="list-style-type: none"> • Still in zoo in quarantine area • Still in zoo in quarantine area

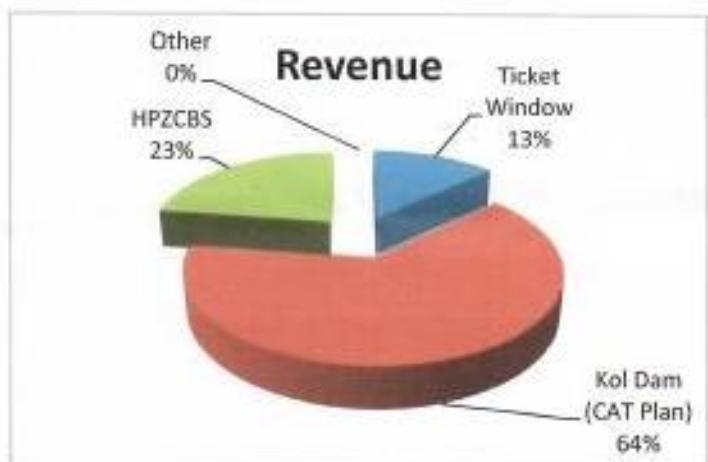
				Nurpur Division and also handed over to zoo for treatment	
2.	Peacock	Two (male)	14.4.2017 & 14.6.2017	<p>* One injured peacock rescued by Bhattiyat Forest and handed over to zoo for treatment</p> <p>* This one is also rescued by Kotla forest range and handed over to zoo for treatment</p>	<p>• Treated for two days in zoo & died on 16.4.2016</p> <p>* Treated for one day in Zoo & died on 16.6.2016</p>
3.	Sambar	Five(2 male, 2 male cub & 1 female cub)	21.4.2017 , 7.07.2016, 30.7.2016, 22.12.2016 & 3.3.2017	<p>* One injured Sambar rescued by Bhattiyat Range and handed over to zoo for treatment</p> <p>* One injured Sambar rescued by Ladbhadol Range and handed over to zoo for treatment</p> <p>* One injured Sambar rescued by Bilaspur Range and handed over to zoo for treatment</p> <p>* One injured Sambar rescued by Jawali Range and handed over to zoo for</p>	<p>* Treated for one day in Zoo & died on 16.6.2016</p> <p>* Treated for one day in Zoo & died on 7.6.2016</p> <p>* Treated for one day in Zoo & died on 1.8.2016 .</p> <p>*Treated & Still in zoo in quarantine area.</p>

				treatment *One injured Samber rescued by Jawali Range and handed over to zoo for treatment	*Treated & Still in zoo in quarantine area.
3.	Kite	Three (one male & two unsexed)	11.5.2016, 15.6.2016 & 23.1.2017	* One injured Kite rescued by Local Area and handed over to zoo for treatment *One injured Kite rescued by Baijnath and handed over to zoo for treatment *One injured Kite rescued by Shahpur Range and handed over to zoo for treatment	*Treated for one day in Zoo & died on 12.5.2016 due to injured wings. *Treated for one day in Zoo & died on 16.6.2016 due to injured wings. *Treated & Still in zoo in quarantine area.
4.	Goral	One (Male)	11/2016	*One injured Ghoral rescued by Pangi Range and handed over to zoo for treatment	*Treated & Still in zoo in quarantine area.
5.	Himalayan Griffon	One (unsexed)	15.12.2016	*One injured Himm. Griffon rescued by Pangi Range and handed over to zoo for treatment	*Treated & Still in zoo in quarantine area.
6.	Monal	Two(Male)	29.1.2017 & 1.3.2017	*One injured Monal rescued by Urla Range and handed over	*Treated in Zoo & died on 10.2.2017

				to zoo for treatment *One injured Monal rescued by DFO D/Shala Range and handed over to zoo for treatment	*Treated in Zoo & died on 10.3.2017
7.	Owl	One (Male)	18.2.2017	*One injured Owl rescued by Uhl Range and handed over to zoo for treatment	*Treated in Zoo & died on 1.3.2017

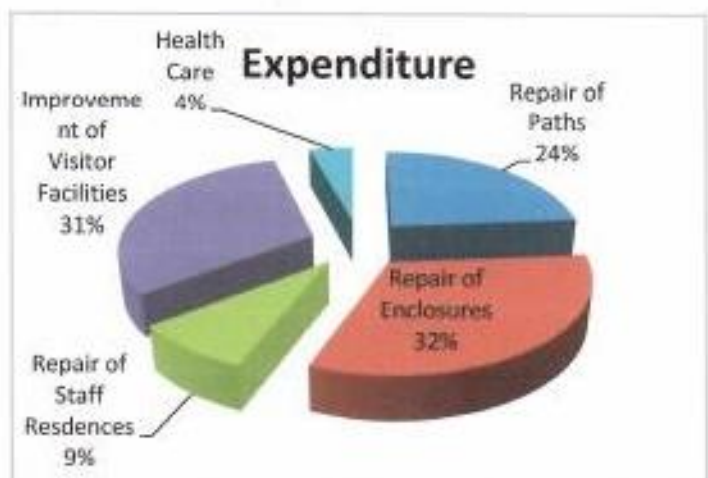
FINANCIAL PERFORMANCE

The ticket window of DNP Gopalpur Zoo is auction in Rs .20.67 Lakh for the year 2016-2017. The APO of Kol Dam (CAT Plan) in Rs. 10197500 and for the HPZCBS is Rs. 3630000.00



Expenditure 2016-2017.

Main expenditure of the DNP Gopalpur Zoo is for the Maintenance of the Zoo.



S. No.	Name of Work	Total Allotment
1.	Visitors Paths	500000.00
2.	Service Paths	400000.00
3.	Electricity Supply	100000.00
4.	Maintenance of Existing Enclosure	1500000.00
5.	Repair of Staff Residence	400000.00
6.	Rest House	300000.00
7.	Public Toilets	400000.00
8.	Visitor Paths	100000.00
9.	Service Paths	100000.00
10.	Feed Store and Kitchen	100000.00
11.	Electricity Supply	100000.00
12.	Water Supply and Storage Tanks	50000.00
13.	Environmental Enrichment	200000.00
14.	Hiring of Staff to Carry out routine activities	200000.00
15.	Health care and Vaccination of Staff	200000.00
16.	Watch Towers	150000.00
17.	Boundary Wall	3000000.00
18.	Stress Management	300000.00
19.	Fire Control	50000.00
20.	Flood Cloud Burst etc.	50000.00
21.	Breakdown of power supply etc.	75000.00
22.	Free Ranging Animals Feral animal menace	25000.00
23.	Germplasm improvement of local fringe area breed	25000.00
24.	High yielding pasture seed to locals	25000.00
25.	Ring Vaccination and parametric disease control	25000.00
26.	Fringe people Vaccination	25000.00
27.	Shelter along the Zoo paths	450000.00
28.	Hiring of Multi utility Vehicle on Contract basis	600000.00
29.	Landscaping works in lawns and park	300000.00
30.	Ticket Counter	20000.00
31.	Development and maintenance of nursery	200000.00
	Total	9970000.00

**Status of Compliance of the conditions stipulated under the Rule 10 of the
Recognition of Zoo Rules, 2009**

Reference to Letter No. F. No. 19-33/93- CZA (97)(Vol. I)(M)/5336 dated 18.07.2014.

S. No.	Norm No.	Condition Stipulated	Compliance Report
1. General requirement.			
1.	1.3	Directional Signage Should be provided at each crossing for smooth movement of visitors.	Needful Done.
2.	1.4	The rear end of the park should be provided with strong chain link fence to check entry of unregulated visitors.	Needful Done.
3.	1.5	Boundary wall of the height of 2 mtr. On the rear side must be constructed.	Needful Done.
4.	1.7	Arrangement for proper disposal of Liquid waste particularly in carnivores should be provided.	Needful Done.
3. Development and planning.			
5.	3.4	The animal collection plan should be prepared as per CZA format.	The animal collection plan is submitted in the Master Plan of DNP Gopalpur for Approval.
4. Animal housing, display of Animals and animal enclosure.			
6.	4.1	a. the area and naturalness should be increased in porcupine, kite, Himalaya Vulture and Pheasants. b. the kite and Himalayan vulture should be kept separately.	Needful Done. Needful Done.
7.	4.5 & 4.6	The exhibits of Pheasants, Kite, Himalayan Vulture, Porcupine, Grey Parrot should be revamped as to meet CZA norms. The floor of Pheasants, Pea cock and Grey parrot should be made Kaccha.	Needful Done. Needful Done.
8.	4.7	Screening space should be provided between Leopard and Leopard Enclosures, Goral and Barking Deer.	Screening done between Goral and Barking Deer Enclosures.
9.	4.9	Stand of Barriers with Hedge should be provided in all enclosures.	Needful Done.
10.	4.10	Directional and warning signages should be provided at all relevant places.	Needful Done.
5. Upkeep and Healthcare of Animals.			
11.	5.1(g)	Foot bath should be provided at the entrance of each night house.	Needful Done.
12.	5.2(6)	The food and water samples should be got	Needful done randomly in IVRI

		tested randomly.	and CSKHPKV Palampur.
13.	5.3(4)	A Written schedule for vaccination should be prepared and kept near enclosure.	Needful done. Shortly.
14.	5.3(5)	The operator should prepare and use keeper dairy, daily report, animals treatment card, animal history herd/card and stud book.	Needful done in CZA format.
15.	5.3(6)	The staff involved in the healthcare of animals should be screened against Zoonotic diseases once every year.	Needful done every year.
6. Veterinary and infrastructure facilities.			
16.	6.1(k)	General cleaning and maintenance of treatment room should be improved.	Needful done.
7. Post-mortem and disposal of carcasses of animals.			
17	7.2	Post mortem finding should be recorded in CZA format	Needful done.
9. Acquisition and breeding of animals			
18.	9.1 & 9.4	Mates for the following species should be acquire:- a) Himalayan thar (M). b) Leopard Cat (Un Sexed). c) Himalayan Vulture (Un Sexed). d) African Grey Parrot (Un sexed). e) Porcupine (2M)	Sent to HNP Kufri Zoo. Mate rescued. Mate rescued. Done shortly. -
12. Visitors facilities.			
19.	12.1	a) Directional Signages should be provided at every crossing. b) Roads, Paths and lawns should be made smooth and presentable.	Needful Done. Needful Done.
20.	12.2	First aid kit and anti snake venom should be kept.	Needful done.
21.	12.3	Ramp Should be made for handicapped visitors	Will be done this year.

**DHAULADHAR NATURE PARK (ZOO) GOPALPUR
(At A GLANCE)**

Total Zoo Area : 12.5 Hectares
Developed Area : 11.0 Hectares
Zoo Timing : 8:00 am to 6:00 pm (summers)
 9.00 am to 5.00 pm. (winters)
Close Day : Monday
No. of Species : Mammals-131, Birds-40 and Reptiles/Amphibians-7
No. of Animals : 178
No. of Visitors : 1,92,828
(2016-17)

Fees & Rates levied from public

S.No.	Particulars of fee & rates	Amount levied (in rupees)	Remarks
A	Entry fee to zoo		
	Adult (per person)	15.00	
	Child (per child between age 3 to 12 years)	10.00	
	Organized school group visit	5 Rs Per Student	
	Group visits		

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