



ANNUAL REPORT 2018-19

TAPTAPANI DEER PARK (MINI ZOO), ODISHA



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1. Report of the Officer-in-charge

Taptapani deer park (mini zoo) is an important zoo of South Odisha. It was established in the year 1986 with an aim to spread awareness among the general public & the tourists regarding Wildlife Conservation in general & locally available ungulates in particular. This zoo is not collecting any entry fees from the public so far. During the FY 2018-19 there was footfall of 94325 tourists to Taptapani deer park. This zoo houses 157 animals in total including spotted deer, Sambar, Barking deer making the bulk of the Wild animal population. The has constantly endeavoured to enhance tourist facilities as well as animal welfare within the allotted financial resources of 2018-19. Information on various aspects of zoo management has been provided in the present Annual Report as per specification of CZA, India.

2. History of the Zoo: -

The Taptapani Deer Park (Mini Zoo) has been established by Govt. of Odisha, Forest and Environment Department near Taptapani hot spring of Ganjam District of Odisha on 05.10.1986 during the Observation of Wildlife week. This Zoo popularly known as “Taptapani Mruga Bihar” is administrated by Chandragiri Range of Parlakhemundi Forest Division. The Zoo is situated between Lat N 19° 29’ 48” and Long. E 84° 24’ 10” and in close proximity to OTDC Panthanivas Taptapani, an alluring Tourist spot bordering Ganjam and Gajapati District of Odisha. It is located along the State Highway -17 Connecting Berhampur to Rayagada.

3. Vision: -

To strengthen the biodiversity conservation, especially ungulates of the region through *ex-situ* conservation.

4. Mission: -

To achieve the distinction of an outstanding mini zoo through wildlife conservation, visitor facilitation & research activity.

5. Objective –

Conservation of endangered ungulate species like spotted deer, barking deer, Sambar etc. in captivity and to create as well as spread awareness on the importance of WL animal conservation among the public.

6. About us-

S.No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	Taptapani Deer Park (Mini Zoo)
2	Year of Establishment	1986
3	Address of the Zoo	Taptapani Deer Park, Village- Palukhola C/o- Office Of The Forest Range Officer, Chandragiri Range At/Po- Pudamari, Dist- Ganjam
4	State	Odisha
5	Telephone Number	9437079579
6	Fax Number	--
7	E-mail address	dfo_pkd@yahoo.com
8	Website	Nil
9	Distance from nearest	Airport: Bhubaneswar- 225 Km
		Railway Station:Berhampur- 55 Km
		Bus Stand: Berhampur- 51 Km

S.No.	Particulars	Information
10	Recognition Valid up to (Date)	13 th November, 2017
11	Category of zoo	Mini Zoo
12	Area (in Hectares)	2.0 Hectares (5.013 Acres) (Approx)
13	Number of Visitors (Financial Year) 2018-19	Total Visitors:- 94325
14	Visitors' Facilities Available in Zoo	Drinking Water, Public Toilet, Visitor shed & First Aid equipment.
15	Weekly Closure Day of the Zoo	Thursday
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Sri Panchanan Sahu, Range Officer, Chandragiri Range
	Name of the Veterinary Officer	Sumitra Panigrahi, Veterinary Assistant Surgeon, Pattapur, Ganjam.
	Name of the Curator	Sri M. Narasingha, (Deputy Ranger)
	Name of the Biologist	--
	Name of the Education Officer	--
	Name of the Compounder/ Lab Assistant	--
Owner / Operator of the Zoo		
17	*Name of the Operator	Additional Chief Secretary Forest & Environment Department Government of Odisha
18	Address of the Operator	Government of Odisha Forest & Environment Department

S.No.	Particulars	Information
19	Contact details/Phone number of Operator	0647-2536822
20	E-mail address of Operator	efsec.od@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: -

Director
Divisional Forest Officer,
Paralakhemundi Division.



Forest Range Officer,
Chandragiri Range.



Deputy Ranger,
Taptapani Deer Park.



Forester,
Taptapani Deer Park.



Forest Guard,
Taptapani Deer Park.



Forest Guard,
Taptapani Deer Park.



Animal Keepers, (12 Nos)
Taptapani Deer Park.

8. Human Resources

Manpower of the Zoo*

Sl.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1	Forest Ranger Officer	1	Sri Panchanan Sahu
2	Deputy Ranger	1	Sri M. Narasingha
3	Forest Guard	1	Sri Harikrushna Barika

4	Animal Keepers	12	Sri Nilakantha Rait
			Sri Lakhaman Mandal
			Smt Sunami Raita
			Smt Kiswari Mandal
			Sri Bhima Jani
			Sri Gopinath Nayak
			Sri Subarana Raita
			Sri Narahari Nayak
			Sri Bijaya Jani
			Sri Jaganath Jani
			Smt. Basanti Jani
			Sri Kunjabihari Mandal

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

09. Capacity Building of zoo personnel

Sl.No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
1	Sri Jaganath Jani, Zoo Keeper	Training programme for zoo keepers as a capacity building measures on basis regarding at regional basis on the "CZA Vision 2030"	20.03.2018 to 25.03.2018	Nandankanan Zoological Park, Bhubaneswar

10. Zoo Advisory Committee – Not Formed

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

11. Health Advisory Committee– Not Formed

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

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

There is “Nil income” of the Zoo from display of wild animals as no entry fee is charged from the visitors. Expenditure is being carried out for zoo management purpose as per allotment received from Govt.

13. Daily feeds Schedule of animals

Sl.No	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Adult Spotted Deer	Deer Mash	800 gm/each	800 gm/each	--
		Green Fodder	Approx 5 Kg (03 Times per Day)	Approx 5 Kg (03 Times per Day)	
2	Sub-Adult Spotted Deer	Deer Mash	600 gm/each	600 gm/each	--
		Green Fodder	Approx 5 Kg (03 Times per Day)	Approx 5 Kg (03 Times per Day)	

3	Fawn Spotted Deer	Mother Feeding			
4	Adult Sambar	Deer Mash	02 Kg/ each	02 Kg/ each	--
		Green Fodder	Approx 20 Kg (03 Times per Day)	Approx 20 Kg (03 Times per Day)	
5	Sub-adult Sambar	Deer Mash	1.5 Kg/ each	1.5 Kg/ each	--
		Green Fodder	Approx 20 Kg (03 Times per Day)	Approx 20 Kg (03 Times per Day)	
6	Fawn Sambar	Mother Feeding			
7	Adult Barking Deer	Deer Mash	800 gm/each	800 gm/each	--
		Green Fodder	Approx 5 Kg (03 Times per Day)	Approx 5 Kg (03 Times per Day)	
8	Sub-adult Barking Deer	Deer Mash	600 gm/each	600 gm/each	--
		Green Fodder	Approx 5 Kg (03 Times per Day)	Approx 5 Kg (03 Times per Day)	
9	Fawn Barking Deer	Mother Feeding			

10	Adult Black Buck	Deer Mash	800 gm/each	800 gm/each	--
		Green Fodder	Approx 5 Kg (03 Times per Day)	Approx 5 Kg (03 Times per Day)	
11	Fawn Black Buck	Mother Feeding			

14. Vaccination Schedule of animals.

Sl.No	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
No Vaccination					N.B- We are doing ring vaccination of the domestic animals of the nearest surrounding villages within 3Kms radius for FMD/ HSV/ BQV/ Anthrax etc.

15. De-worming Schedule of animals

Sl.No.	Species	Drug used	Month
1	Spotted Deer	Albendazale @ 10Mg/ Kg of body weight	January
	Sambar		
	Barking Deer		
	Black Buck		
2	Spotted Deer	Fenbendazale @ 7.5Mg/ Kg of body weight	April
	Sambar		
	Barking Deer		
	Black Buck		
3	Spotted Deer	Albendazale @ 10Mg/ Kg of body weight	July
	Sambar		
	Barking Deer		
	Black Buck		
4	Spotted Deer	Fenbendazale @ 7.5Mg/ Kg of body weight	October
	Sambar		
	Barking Deer		
	Black Buck		

16. Disinfection Schedule

Sl.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	Spotted Deer	G.I. Chain Link Wire mesh	<ul style="list-style-type: none"> Sodium Hypochloride (Naocl)-3%(Add 3 gallons of chorine bleach to 2 gallon of water and mix thoroughly) Phendics (100ML in 1 Litre of Water) 	Twice in a Week
2	Sambar			
3	Barking Deer			
4	Black Buck			

17. Health Check-up of employees for zoonotic diseases

Sl.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1	Dr. Promod Pattnaik, (MD)	Medicine Specialist City Hospital, Berhampur, Dist-Ganjam	09 March 2019	All animal keepers are in good physical condition.

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

- Construction of Computer Room and Veterinary cell.
- Construction of Visitors Rest Shed.
- Construction/Repair of Deer Feed Godown.
- Construction of Overhead Water Tank with digging of Bore well.
- Construction of Main Entrance Gate.
- Construction of Standoff Barrier.
- Installation of lighting facility.
- Provision for Clean and Cold Drinking Water for Visitors.

19. Education and Awareness programmes during the year: -

Celebration of Wildlife week 2018 in Zoo premises was undertaken in presence of school Children.

20. Important Events and happenings - Nil

21. Seasonal special arrangements for upkeep of animals: Enclosures are kept covered by gunny bags during winter months to reduce cold stress to the Wild animals.

22. Research Work carried out and publications - Nil**23. Conservation Breeding Programme of the Zoo - Nil****24. Animal acquisition / transfer / exchange during the year**

A.	Animals arriving in the Zoo				
	H.NO.	Species	Number (M:F)	From which Zoo	Date of arrival in the zoo
	-Nil-				
B.	Animals going from the zoo				
	H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
	-Nil-				

25. Rescue and Rehabilitation of wild animals carried out by the Zoo

Sl.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 in their habitat	Reasons for housing in the zoo, if not released in their habitat

26. Annual Inventory of animals

Form – II

[See Rule 11(1)]

Part – A

Inventory Report for the Year: 2018-19

Endangered Species*

Sl. No	Animal Name	Scientific name	Opening Stock as on 01.04.2018				Births			Acquisition			Disposal			Death			Closing Stock as on 31.03.2019			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1.	Black Buck	<i>Antilope cervicapra</i>	1	2	0	3	-	-	-	1	-	-	-	-	-	1	-	1	-	2	-	2
2.	Four Horned Antelope	<i>Tetracerus quadricornis</i>	1	0	0	1	-	-	-	-	-	-	-	-	-	-	-	-	1	0	0	1

*Animals under Schedule I and Schedule II of the Wild Life (Protection) Act, 1972

Part – B

Other than Endangered Species

S.No	Animal Name	Scientific name	Opening Stock as on 01.04.2018				Births			Acquisition			Disposal			Death			Closing Stock as on 31.03.2019			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1	Sambar	<i>Rusa unicorn</i>	17	16	10	43	-	-	7	-	-	-	-	-	-	1	2	-	18	17	12	47
2	Barking Deer	<i>Muntiacus muntjak</i>	2	4	2	8	-	-	1	-	-	-	-	-	-	2	-	-	1	2	4	7
3	Spotted Deer	<i>Axis axis</i>	25	53	17	95	-	-	8	-	-	-	-	-	-	1	3	-	26	51	22	99
4	Emu	<i>Dromaius Novae hollandiae</i>	0	0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	1	1
		Total	44	73	30	147	-	-	16	-	-	-	-	-	-	4	5	-	45	70	39	154

27. Mortality of animals

Sl.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	Spotted Deer	<i>Axis axis</i>	Female- 01	13.4.2018	Death due to Infighting.
			Male- 01	11.10.2018	Due to Pneumonia Lung infection
			Female-01	11.10.2018	

			Female- 01	11.10.2018	Due to Dystocia
2	Sambar	<i>Rusa unicolor</i>	Female- 01	18.4.2018	Due to Old age
			Male- 01	21.7.2018	Due to Pneumonia congestion of Lungs
			Female-01	23.7.2018	
3	Black Buck	<i>Antilope cervicapra</i>	Male- 01	01.6.2018	Death due to Infighting.
			U/s- 01	03.03.2019	Due to Suppurative Myoarditix.
4	Barking Deer	<i>Muntiacus muntjak</i>	Male	08.11.2017	Death due to Infighting.
			Female	24.01.2018	

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	Remarks	
					Status with regard to compliance of the conditions as submitted by the Officer-in-charge of the Zoo	Status with regard to compliance as noted physically by the evaluator during the visit
Conditions not complied of 2013 evaluation, CZA letter dated 25.06.2013						
4. Animal housing, display of animals and animal enclosures						
1	4 (2)	Sambar	Within Three	25.06.2013		Not Complied

		enclosure is too small for twenty numbers. They may be reduced by numbers or increase the holding area.	months			
2	4(3)	To construct a holding size of area and feed the animals for close observation and health monitoring.	Within Three months	25.06.2013		Not Complied

5. Upkeep and healthcare of animals

3	11(1)	Thought the records are being maintained but not as per CZA format. The Deer Park may be sent while CZA founds of treatment,	With immediate effect	25.06.2013		Not Complied
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		inventory and registers disposal, Post-mortem sheets and morality register.				
Conditions not complied of 2015 evaluation, CZA letter dated- 30.11.2015						
3.Development and Planning						
1	3 (5)	A layout plan be drawn of proper size and dimension on metal board showing all enclosures, water points, toilets and other important locations with entry and exit points clearly shown on the map created at entry points of the park for the information of	With immediate effect	30.11.2015		Not Complied

		visiting public. This also should show existing geographical area and area to be extended etc.				
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11. Education and outreach activities

2	11	Flex boards now put up be replaced with proper signage boards of size and dimension providing scientific information of the animal housed	With immediate effect	30.11.2015		Not Complied
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12. Visitors facilities

3	12(1)	Early action be taken to shift the Black Buck and Barking Deer to Nandankanan Zoo as	With immediat e effect	30.11.2015		Not Complied
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		decided. Visitors facilities like providing toilet to men and women with proper water facilities and providing potable drinking water to visitors at convenient places.				
Conditions not complied of 2017 evaluation, CZA letter dated 27.04.2018						
3.Development and Planning						
1	10.3(1) , 10.3(3) &10.3 (6)	The Deer Park did not submit the Animal Collection Plan, Master Layout Plan, and Master Plan for its development in the format as circulated by the Central Zoo Authority.	With Immediat e effect	27.04.2018	Under preparation	Not Complied
2	10.3(7)	The Zoo	With	27.04.2018	Enclosures	

		accepted Blackbuck (1:1), Sambar (1:0) and Barking deer (3:1) for which it does not have appropriately designed enclosure and upkeep facilities as well as the facilities for keeping it in isolation during quarantine period.	Immediate effect		not as per CZA norms	Not Complied
4. Animal housing , display of animal enclosures						
3	10.4 (2)	The animal enclosures in the Deer Park are not in accordance with the design and dimension specified by the Central	Immediately	27.04.2018	The animal enclosures in the Deer park are repaired and now maintained as per specified	Not Complied

		Zoo Authority.			design and dimension.	
4	Section 38-J of the Wild Life Protection Act, 1972 & Rule 10.4(9)	<p>The Stand-off barrier in the Deer Park does not extend all along the visitors' path. It is observed that visitors getting access to animals through the gaps in the stand-off barrier and also feeding animals. Hedge plantation is not done between fence of the enclosure and stand-off barrier.</p>	Three months	27.04.2018	<p>The Stand-off barrier in the deer park has been extended all along the visitor's path such as to avoid the access of the visitor to the animals. As there is sufficient gap between the two wire mesh fencing of enclosure and the visitors path. The chance of</p>	<p>Not Complied because the dimension of stand-off barrier is not of CZA norm.</p>

					access to the animals by visitors to feed them is not possible hedge plantation has already been done which will be further upgraded in the coming rainy season.	
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5. Upkeep and healthcare of animals

5	10.5 (4)	The Deer Park Operator did not construct kraal as a secondary holding area to facilitate close observation of animals and to facilitate	Six Months	27.04.2018	Kraal constructed as a secondary holding area for to observation as well as for isolation	Not Complied
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		cleaning and disinfection of animal enclosure.			and quarantine of animals.	
6	10.5(10)	The Records pertaining to animals namely Animal History Card, Keeper's Diary, Daily Report and Treatment Card are not maintained in the Deer Park.	One month	27.04.2018	The animals History card, Keeper's Dairy, Daily Report and Treatment Card are maintained in the registers and it is available in the deer park for inspection.	Not Complied

9.Acquisition and breeding of animals

7	10.9 (4)	Not shifted the Black buck and Barking deer to Nandankanan Zoological Park,	Immediately	27.04.2018	Action will be taken for shifting of Blackbuck and Barking	Not Complied
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		Bhubaneswar as directed by the CZA. Instead, the Deer Park Operator acquired mates for Blackbuck and Barking deer by way of rescue and not obtained requisite permission.			deer to Nandankanan Zoological park after getting the permission of Chief Wildlife Warden.	
8	10.9(9)	The number of spotted deer in the Deer Park is beyond its carrying capacity.	Immediately	27.04.2018		Not Complied
9	10.9(8)	The Herd Book is not maintained for animals housed in the Deer Park.	Immediately	27.04.2018	The herd book has not been maintained.	Not Complied
12.Visitors' facilities						
10	10.12 (2)	First-aid equipment	Immediately	27.04.2018	The First-Aid	Not

		including anti-venom should be made available in the Zoo.			equipment s are kept with Zoo Keeper and Anti-venom are available with the Local VAS at Dengausta .	Complied as Anti-venom serum is not available in zoo campus
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Rule 11 Maintenance of records and submission of inventory

11	11(1)	Quarterly Inventory of animals pertaining to endangered species is not submitted by the Deer Park. Not reported birth of Barking deer to the CZA.	Immediately	27.04.2018	Quarterly Inventory report will be submitted	Complied
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