

Wild Animal Conservation Centre, Motijharan, Sambalpur




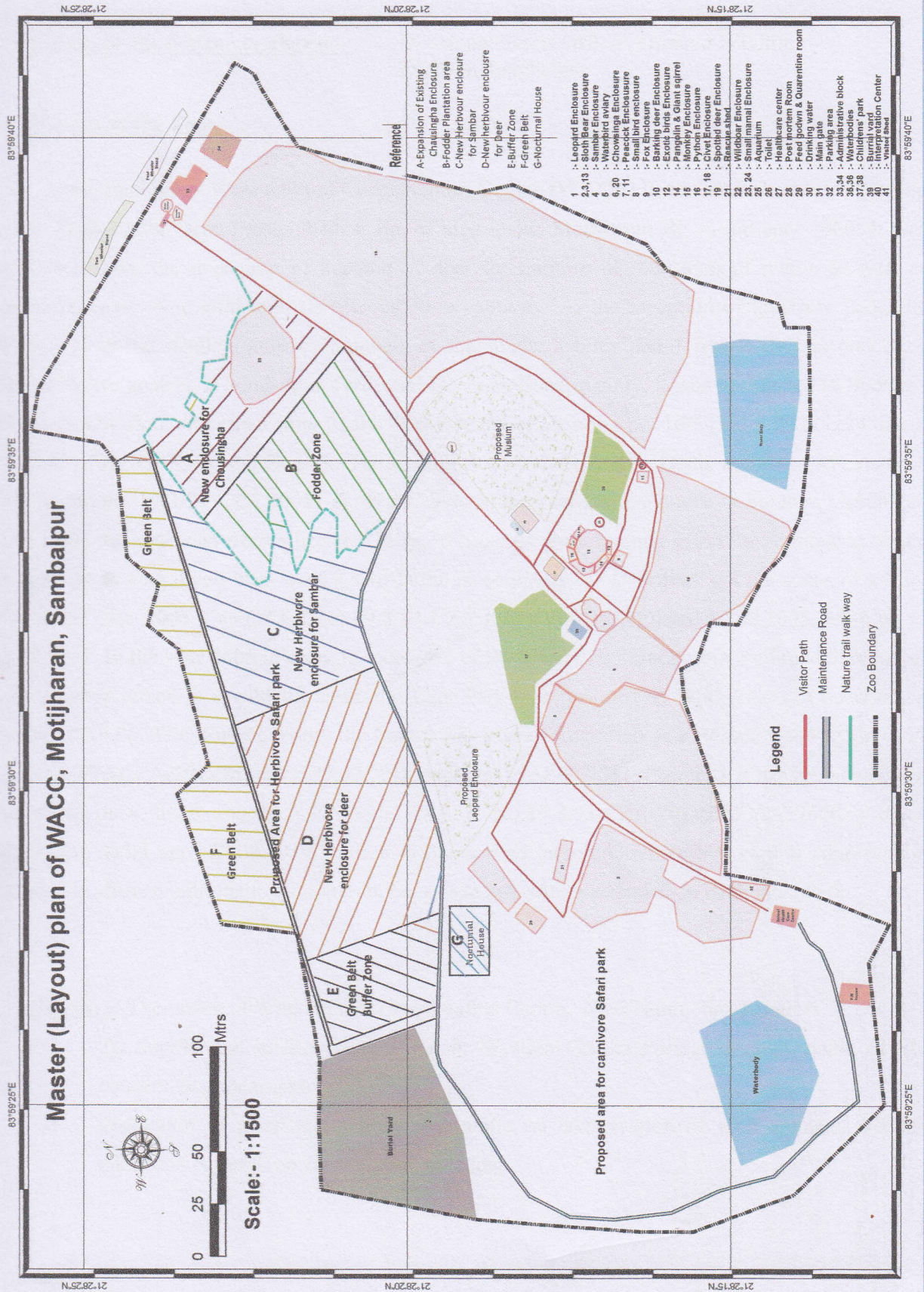
Annual Report for the year 2019-20



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 Divisional Forest Officer,
 Hirakud Wildlife Division, Sambalpur



1. **Report of the Officer-in-charge:-** Divisional Forest Officer, Hirakud Wildlife Division, Sambalpur

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

The present day **Wild Animal Conservation Centre (WACC)** had made its humble beginning as the **Motijharan Deer Park**,. With 6 Ha. of area inside Motijharan RF in the year 1980. It was established with the main aim of keeping of deer for purpose of recreation of public as well as conservation of some wild animals rescued from captivity. At the inception of the Deer Park, the animals placed at display were 69 numbers of mammals, 3 birds and 1 reptile. It was under the administrative control of Sambalpur Territorial Division. Subsequently, it was transferred to Badrama Wild Life Division with effect from 01.04.1986 vide the office order no. 10/F (WL). 20/86-224 dated. 27.02.86 of the CCF, Orissa, Cuttack. The Central Zoo Authority, New Delhi, approved its existence vide Memo no. 19-3/93 CZA 20611 dt. 09.10.1996. In the year 2000, the area of the then Motijharan Deer Park, was extended from 6 hectares to 13.16 hectares. Subsequently efforts were made to obtain recognition as a mini zoo from the CZA of India. Accordingly the Deer Park got the status of a Mini Zoo in the year 2005 vide CZA F.No.19-3/93-CZA (201)(Vol II)(M) dated 10.08.2005, valid up to 31.08.2009. In the year 2006 in order to recognize of the efforts for conservation and rehabilitation of 4 bear cubs seized in a wild life case, the Deer Park was renamed as Wild Animal Conservation Centre on 17.06.2006. Subsequently, the Centre was given recognition as a Rescue Centre vide CZA F.No.19-3/93-CZA(201)(M) dated 27.07.2010, valid up to 31.07.2011. Currently It has been bestowed the status of a small zoo by CZA vide CZA F No.19-3/93-CZA(201)(BKG/2679/2016) dated 23.09.2016 valid upto 23.08.2019. Thus, it is the second largest Govt. owned ex-situ conservation facility in Odisha exhibiting maximum number of species, after Nandankanan Biological Park.

3. **Vision: -** The vision of Wild Animal Conservation Centre, Motijharan, Sambalpur is
 - I. To Supplement in-situ conservation in Western Odisha Forests through viable ex-situ conservation measures.
 - II. Promotion of awareness among the public on conservation of wild animals, wildlife education research on conservation breeding.

4. **Mission:-** To maintain proper ex-situ conservation facilities in order to ensure rescue and rehabilitation of wildlife..

5. **Objective**

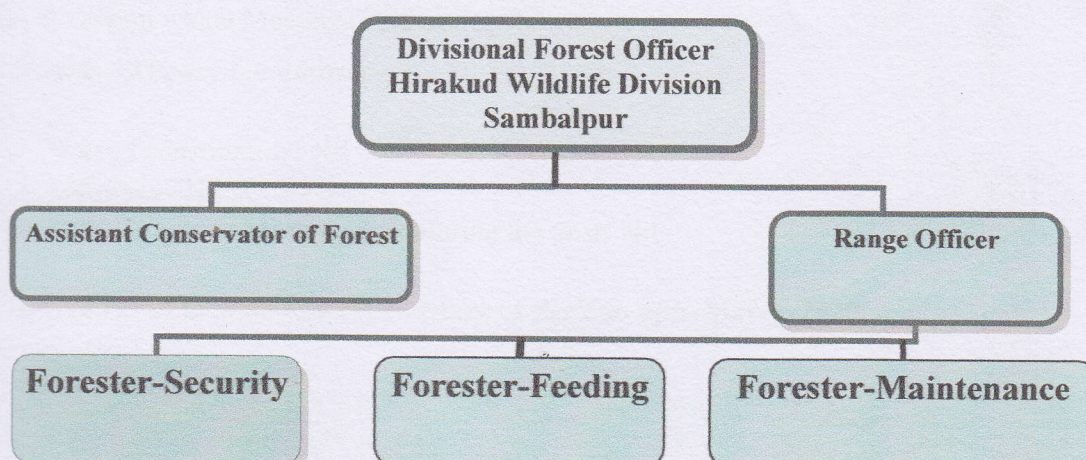
- Captive breeding of rare and endanger species, specially those of Western Odisha region.
- Creation of Public awareness on Wildlife Conservation, especially ex-situ conservation.
- Rescue and rehabilitation of Wild Animals and birds rescued from captivity.

6. **About us**

S.No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	Wild Animal Conservation Centre, Sambalpur
2	Year of Establishment	1980
3	Address of the Zoo	Wild Animal Conservation Centre, Deer Park, Motijharan, Sambalpur
4	State	Odisha
5	Telephone Number	+91-94383-85769
6	Fax Number	NIL
7	E-mail address	wacc86.hirakud@gmail.com
8	Website	NIL
9	Distance from nearest	Airport:- 60 KM
		Railway Station:- 3 KM
		Bus Stand:- 3KM
10	Recognition Valid upto (Date)	23.08.2019
11	Category of zoo	Small Zoo
12	Area (in Hectares)	13.16 Ha.
13	Number of Visitors (Financial Year)	Adult :- 5 year above-129117nos during the financial year 2019-20
		Children :- NIL
		Total Indian :- 129117 nos.
		Total Foreigners :- NIL
		Total Visitors:- 129117 nos.
14	Visitors' Facilities Available in Zoo	1. 3nos of Mini Children Park with playing instruments for children. 2. Mini artificial Water fall. 3. Hill Track (1.8kms) 4. Sit out area 5. Garden 6. Visitors Shed 7. Cool Aqua-guard drinking water 8. Toilet Room (Gents/Ladies) 9. 2nos of Kiosk 10. Paver laid parking area

S.No.	Particulars	Information
		11. Wheel Chair for physically handicapped person. 12. Mini Aquarium 13. First Aid Measure
15	Weekly Closure Day of the Zoo	Every Monday
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Sri Aswini Kumar Padhi, Range Officer. Miss Sarmili Naik, Dy. Range Officer
	Name of the Veterinary Officer	NIL
	Name of the Curator	NIL
	Name of the Biologist	NIL
	Name of the Education Officer	NIL
	Name of the Compounder/ Lab Assistant	NIL
Owner / Operator of the Zoo		
17	*Name of the Operator	Divisional Forest Officer, Hiraakud Wildlife Division, Sambalpur
18	Address of the Operator	At- Deer Park, Motijharan Po/Dist.- Sambalpur, PIN-768001
19	Contact details/Phone number of Operator	94379-60604
20	E-mail address of Operator	dfohirakudwl.od@gov.in

7. Organizational Chart



8. Human Resources**Manpower of the Zoo***

Sl.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1	Forest Ranger	1	Sri Aswini Kumar Padhi
2	Dy. Range Officer	-	Miss Sarmili Naik
3	Forester	2	1.Sri Goutam Balua 2.Sri Bikramaditya Behera
4	Forest Guard	3	1. Sri Pradeep Ku. Dhal 2.Smt. Pratima Pradhan 3. Miss Khirabdh Seth
5	Animal Keeper	2	1.Sri Gokula Sandha (TS) 2. Sri Sushanta Ku.Dhaulia

9. 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 Sushanta Ku.Dhaulia, Animal Keeper	CZA Mission 2030	20.03.2018 to 25.03.2018	Nandankanan Biological Park, Bhubaneswar.

10. Zoo Advisory Committee –

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

11. Health Advisory Committee–

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

12. Statement of income and expenditure of the Zoo upto March-2020.

Sl No.	Particulars	Amount	Expenditure
1	Zoo Entry-Ticket	Rs. 12,91,170.00	Deposited in Corpus Fund.
2	Parking Fees	Rs. 15,600.00	-do-
3	Kiosk (2nos)	Rs. 21,576.00	-do-

13. Daily feed Schedule of animals

Sl.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Spotted Deer (110nos) 110 kg	Kulthi 20.5%	0.205kg	0.205kg	
		Chokar 23%	0.23kg	0.23kg	
		Maka 25.50%	0.255kg	0.255kg	
		Kunda 23%	0.23kg	0.23kg	
		B.Cake 5.50%	0.055kg	0.055kg	
		Salt 1.25%	0.0125kg	0.0125kg	
		Vitamin & Mineral 1.25%	0.0125kg	0.0125kg	
		Grass	3kg	3kg	
		Fodder	1kg	1kg	
2	Sambar (20nos) 40 kg	Kulthi 20.5%	0.41kg	0.41kg	
		Chokar 23%	0.46kg	0.46kg	
		Maka 25.50%	0.51kg	0.51kg	
		Kunda 23%	0.46kg	0.46kg	
		B.Cake 5.50%	0.11kg	0.11kg	
		Salt 1.25%	0.025kg	0.025kg	
		Vitamin & Mineral 1.25%	0.025kg	0.025kg	
		Grass	6kg	6kg	
		Fodder	2kg	2kg	
3	Barking Deer (12nos) 6 kg	Kulthi 20.5%	0.1025kg	0.1025kg	
		Chokar 23%	0.115kg	0.115kg	
		Maka 25.50%	0.1275kg	0.1275kg	
		Kunda 23%	0.115kg	0.115kg	
		B.Cake 5.50%	0.0275kg	0.0275kg	
		Salt 1.25%	0.00625kg	0.00625kg	
		Vitamin & Mineral 1.25%	0.00625kg	0.00625kg	
		Grass	1.5kg	1.5kg	
		Fodder	0.500kg	0.500kg	
4	Chousingha (24nos) 12 kg	Kulthi 20.5%	0.0615kg	0.0615kg	
		Chokar 23%	0.069kg	0.069kg	
		Maka 25.50%	0.0765kg	0.0765kg	
		Kunda 23%	0.069kg	0.069kg	
		B.Cake 5.50%	0.0165kg	0.0165kg	
		Salt 1.25%	0.00375kg	0.00375kg	
		Vitamin & Mineral 1.25%	0.00375kg	0.00375kg	
		Grass	0.9kg	0.9kg	
		Fodder	0.3kg	0.3kg	
5	Wild-Boar (2nos) 2 kg	Kulthi 20.5%	0.205kg	0.205kg	
		Chokar 23%	0.23kg	0.23kg	
		Maka 25.50%	0.255kg	0.255kg	
		Kunda 23%	0.23kg	0.23kg	
		B.Cake 5.50%	0.055kg	0.055kg	
		Salt 1.25%	0.0125kg	0.0125kg	
		Vitamin & Mineral 1.25%	0.0125kg	0.0125kg	
		Rice	500gm	500gm	
		Biri Dal	8gm	8gm	
6	Sloth Bear (4nos)	Omfed Milk	2 pkt	2 pkt	
		Rice	0.5kg	0.5kg	
		Biri Dal	37.5gm	37.5gm	

7	Leopard (1no)	Honey	20gm	20gm	
		Sugar-Cane/Guda	58.7gm	58.7gm	
		Seasonal Fruits	0.5kg	0.5kg	
		Chicken/Mutton	1kg	1kg	
8	Python (3nos)	Live Hen	1kg	1kg	
9	Civet-Cat (4nos)	Omfed Milk	0.33pkt	0.33pkt	
		Rice	50gm	50gm	
		Banana	3pcs	3pcs	
		Chicken	75gm	75gm	
10	Fox (1no)	Rice	100gm	100gm	
		Chicken	100gm	100gm	
11	Pea-fowl (6nos)	Grain, Wheat etc.	500gm	500gm	
		Green-Leaf	250gm	250gm	
12	Monkey (2nos)	Apple	200gm	200gm	
		Banana	6pcs	6pcs	
		Vegetable	350gm	350gm	
		Grain	50gm	50gm	
13	Parakeet/Dove (53nos)	Banana	0.11pcs	0.11pcs	
		Apple	0.00192kg	0.00192kg	
		Grain	0.00384kg	0.00384kg	
14	Exotic Birds (30nos)	Poultry Feed	0.0222gm	0.0222gm	
15	Giant Squirrel (1no)	Vegetable	300gm	300gm	
16	Mongoose (2nos)	Chicken	50gm	50gm	
		Rice`	50gm	50gm	



14. Vaccination Schedule of animals

Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	Chousingha	Hemoragic Septicemia, FMD	HS Vaccine, 5ml Subsequently, FMD Vaccine	1 st Week of February & 3 rd Week of March of every year	

15. De-worming Schedule of animals

Sl.No.	Species	Drug used	Month
1	For All Species	Fecal sample examination medicines are provided as per worm load with diseases per advice of VAS.	1 st week of the month with a interval of 3 months.

16. Disinfection Schedule

Sl.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	All Species	All open enclosure	Weeds clearance within the enclosure during rainy season & after rains is being carried out.	During after rainy season
2	-	Entry Gate, Public Toilet, Visitor sit out area, drain	Weekly bleaching the Entry Gate area, Public Toilet area along the paths & drinking area site, drain etc.	Weekly once
3	Sloth Bear, Exotic Birds & Monkey	Housed enclosure	Turmeric Powder are provided with food (Mixed in the time of cooking food)	Every alternate day
4	Exotic Birds, Monkey & Chousingha	Open Enclosure & Housed Enclosure	Neem tree branches are provided to Chousingha, Birds & Monkey	Jan, Apr, July, Oct
5	Chousingha, Exotic Birds, Small Animals	-do-	Boiling the utensils in the hot water for once a week	Once a week
6	Exotic Birds	Housed Enclosure (Aviary)	Sand filling of surface area and taking out the waste materials and filling new	Once a year
7	All Species	All Enclosure	Lining colouring & Painting inside & outside wall surface of the enclosure followed by painting the grills & gate	Once a year
8	All ungulates species	All enclosure	Lining the surface of enclosures after separating the animals	Twice in a year
9	All species	All enclosure	Cleaning & washing the feeding & water container, floor, cages with potassium permanganate solution, Phenyl applicating to outside drain & corridor of each	Once in a day

			enclosure	
10	All Species	All enclosure	Footbath are prepared with potassium permanganate solution (Staffs are entered through footbath by cleaning their leg in potassium permanganate solution every day)	Every day

17. Health Check-up of employees for zoonotic diseases

Every year the Health Check-up of Zoo Workers are done.

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

- Fixing of Paver-Block from 1st Gate to 2nd Gate of Zoo.
- Printing of Ticket
- Maintenance of Fire Line
- Weeds Clearance
- Construction of Monkey Feeding Chamber
- Stand-Off Barrier of Monkey Enclosure
- Construction of Chousingha/ Sambar Partition Enclosure
- Installation of VHF Tower



19. Education and Awareness programmes during the year-

- i. Celebration of Wildlife Week

20. Important Events and happenings-

- i. Celebration of WACC establishment day i.e. 7th June every year.
- ii. Celebration of 26th January, 15th August & New Year Day for Visitors & School Children and imparting Wildlife Education & its conservation every year.

21. Seasonal special arrangements for upkeep of animals:**Winter Season**

- Straw Spreading on the surface of enclosure for warm for all enclosure.
- Straw spreading & 200watt bulbs provided for warm for Python Enclosure.
- Green Net cover by all opened house enclosure for upkeep during winter & 200watt bulbs provided for warm for bird enclosure.

Summer Season

- Supply of anti stress medicine like K-Grand Powder, Imo grow to animals & birds during March - June.
- Supply of Sugar-Cane Juice & Water-Melon to Bear
- Supply of Water-Melon for all species except Leopard, Spotted Deer, Sambar, Barking Deer & Python.
- The resting sheds and the feeding chambers have been covered with straw to prevent penetration of heat.
- The enclosures are being sprinkled with water to reduce the temperature.
- Sufficient Water is supplied to artificial pools in Sambar and Wild-Pig Enclosure for their wallowing.
- Air Coolers is provided to Leopard enclosure during summer.



22. Research Work carried out and publications:

- i. Leaflet distribution on faunal diversity of WACC Campus, Sambalpur.

23. Conservation Breeding Programme of the Zoo - 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			From which Zoo	Date of arrival in the zoo
			M	F	K		
	No such acquisition, exchange during the year in the zoo.						
B.	Animals going from the zoo						
	H.NO.	Species	Number			Going to which Zoo	Date of deposition from the zoo
			M	F	K		
	Nil	Duck/Swan	2	2	-	Hirakud WL Range	Dt. 02.04.2019

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
1	24.09.2019	Pea-Fowl (M)	Rairakhol Division	Memo No.1340 Dt.16.10.19	-	Domestically nature
2	24.09.2019	Parakeet (F)	Rairakhol Division	Memo No.1340 Dt.16.10.19	-	Domestically nature
3	20.02.2020	Chousingha (F)	Bamra WL Division	Memo No.860 Dt.7.3.20	-	Its original habitat which is 90 kms away
4	17.03.2020	Chousingha (K)	Jharsuguda Division	Memo No.1305 Dt.14.4.20	-	Its original habitat which is 75 kms away

26. Annual Inventory of animals

Inventory Report for the Year: 2019-20

Endangered Species

Sl no	Animal Name	Scientific name	Opening Stock as on 01.04.19			Births			Aquisition/ Rescued			Disposal/ Released			Death			Closing balance as on 31.03.20			Total
Bird			M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	
1	Pea fowl	Pavo cristatus	1	4	0	0	0	0	1	0	0	0	0	0	0	0	0	2	4	0	6
	Total Birds		1	4	0	0	0	0	1	0	0	0	0	0	0	0	0	2	4	0	6
Mammals																					
1	Leopard	Panthera pardus	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
2	Sloth bear	Melurus ursinus	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
3	Rhesus Monkey	Macaca mulatta	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
4	Fox	Vulpes bengalensis	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
5	Civet cat	Paradoxurus hermaphroditus	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	4
6	Chousingha	Tetracerus quadricornis	7	18	0	0	0	0	1	2	0	0	0	1	2	1	6	17	1		24
7	Gaint Squirrel	Ratufa Indica	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0		1
8	Mongoose	Herpestidae	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0		2
	Total Mammals		13	26	1	0	0	0	1	2	0	0	0	1	2	1	12	26	1		39
Reptiles																					
1	Indian Rock Python	Python melurus	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0		3
	Total Reptiles		1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0		3
	Total Animals		15	32	1	0	0	0	1	1	2	0	0	0	1	2	1	15	32	1	48

Other than Endangered Species

Sl No	Name of the species	Scientific name	Opening stock as on 01.04.19			Births			Aquisition/ Rescued			Disposal/ Released			Death			Closing Balance as on 31.03.20			Total
Birds			M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	
1	Parakeet	Psittacula eupatria	17	20	11	0	0	0	0	1	0	0	0	0	0	0	0	22	27	0	49
		Psittacula crameri																			
2	Spotted Dove	Streptopelia chinensis	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
3	Duck /Swan	Anser albifrons	2	2	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
4	Exotic Birds		16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	16	14	0	30
	Total Birds		37	38	11	0	0	0	0	1	0	2	2	0	0	0	0	40	43	0	83
Mammals																					
1	Spotted Deer	Axis axis	59	41	1	0	0	9	0	0	0	0	0	0	0	0	0	59	42	9	110
2	Barking Deer	Muntiacus muntjac	4	4	3	0	0	1	0	0	0	0	0	0	0	0	0	4	4	4	12
3	Sambar	Cervus unicolor	3	7	8	0	0	2	0	0	0	0	0	0	1	0	4	7	8		19
4	Wild boar	Sus scrofa	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0		2
	Total Mammals		68	52	12	0	0	12	0	0	0	0	0	0	1	0	69	53	21		143
	Total Animals		105	90	23	0	0	12	0	1	0	2	2	0	1	0	109	96	21		226
	G TOTAL		120	122	24	0	0	12	1	2	2	2	2	0	1	3	1	124	128	22	274

27. Monthly Live Stock Return of WACC for the month of March-2020.

Name of the Species	Opening Balance			Rescued during the Month			Born during the Month			Total			Dead/Dispos- ed/Release d during the Month			Closing Balance			Total
	Male	Female	Kid	Male	Female	Kid	Male	Female	Kid	Male	Female	Kid	Male	Female	Kid	Male	Female	Kid	
LEOPARD	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1
SPOTTED DEER	59	42	0	0	0	0	0	0	9	59	42	9	0	0	0	59	42	9	110
BARKING DEER	4	4	4	0	0	0	0	0	0	4	4	4	0	0	0	4	4	4	12
SAMBAR	4	8	8	0	0	0	0	0	0	4	8	8	0	1	0	4	7	8	19
CHOUSINGHA	6	17	0	0	0	1	0	0	0	6	17	1	0	0	0	6	17	1	24
FOX	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1
SLOTH BEAR	2	2	0	0	0	0	0	0	0	2	2	0	0	0	0	2	2	0	4
MONKEY	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0	1	1	0	2
WILDBOAR	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	2
CIVET CAT	1	3	0	0	0	0	0	0	0	1	3	0	0	0	0	1	3	0	4
PYTHON	1	2	0	0	0	0	0	0	0	1	2	0	0	0	0	1	2	0	3
PEACOCK	2	4	0	0	0	0	0	0	0	2	4	0	0	0	0	2	4	0	6
PARAKEET	22	27	0	0	0	0	0	0	0	22	27	0	0	0	0	22	27	0	49
SPOTTED DOVE	2	2	0	0	0	0	0	0	0	2	2	0	0	0	0	2	2	0	4
EXOTIC BIRDS	16	14	0	0	0	0	0	0	0	16	14	0	0	0	0	16	14	0	30
GAINT SQUIRREL	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1
MONGOOSE	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	2
TOTAL	124	128	13	0	0	1	0	0	9	124	128	23	0	1	0	124	128	22	274



28. 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	Chousingha	Tetracerus quadricornis	F	21.07.2019	Due to Hemorrhagic Septicaemia
2	Chousingha	Tetracerus quadricornis	K	31.08.2019	Due to Severe enteritis associated with pneumonia.
3	Chousingha	Tetracerus quadricornis	F	09.11.2019	Due to Pneumonia
4	Chousingha	Tetracerus quadricornis	M	11.01.2020	Due to Pneumonia
5	Sambar	Cervus unicolor	F	01.03.2020	Due to Old age

29-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
1. General Requirements						
1	1.6	The provision of the separate entry & exit to the residential colony inside zoo should be made.	One year	One Years Six Months	The Residential colony located inside the Zoo has already relocated to outside.	
2	1.9	Ducks and Rabbits should be immediately removed from the Zoo.	Immediately	Two Years Six Months	4 nos. of Ducks (Swan) have already been removed from the Zoo. No Rabbits are there in the Zoo.	
2. Administrative and Staffing Pattern						
3	2.1	The zoo should have whole time officer-in-charge with adequate administrative and financial powers.	Immediately	Already Present	One Range Officer has already been given the charge of Zoo management with adequate administrative and financial power. This Range Officer has	
	2.2	Veterinarian, Curator, Education Officer & Biologist should be employed as per Rules for the Zoo.	Immediately	For Approval	The Principal Chief Conservator of Forests(Wildlife) and Chief Wildlife Warden, Odisha, Bhubaneswar have been requested to take necessary steps for posting of one VAS as there is one sanctioned post of VAS lying vacant at WACC, Sambalpur. Further, he has also been requested to create sanctioned post for Curator, Education Officer, Biologist in WACC, Sambalpur which is intimated vide this office Memo No.1781 dt.26.05.2018 and No.1492dt.15.05.2019.	

3. Developments and Planning

4	3.1	Zoo should get the Master Plan approved by the Central Zoo Authority.	Six month	Submitted	The Master Plan of Zoo has already been prepared for the Zoo and submitted to Central Zoo Authority for approval vide this office Memo No. 2915 dt.28.09.2016. The same has returned by Central Zoo Authority with some observations. The compliance has been submitted vide this office letter No.2277 dt.18.07.2019 to PCCF(Wildlife) & also the PCCF(Wildlife),Odisha has submitted Master Plan to Member secretary vide Memo No. 8055dt.29.09.2019 by	
5	3.4	Animal collection plan should be prepared and be submitted along with the Master Plan for approval of the CZA.	Six month	Submitted	The Animal collection plan has prepared and will be submitted along with Master Plan of the zoo, for approved.	

4. Animal Housing, display of animals & animal enclosures

6	4.5	The area & design of Sloth bears enclosure near small mammal & primate enclosures should be improved as per CZA guidelines.	One year	Two years Four months	Sloth Bear has been shifted to the new enclosure. Rhesus Macaque has also been shifted to new enclosure. Enclosure of Mongoose, Giant Squirrel and Civet cat have been given some natural enrichment. In the new Master plan, new enclosures for	
7	4.6	The enclosure especially of birds should be enriched by planting bushes inside the enclosure.	Three month	Two years Four months	Measures have already been taken to plant bushes inside bird enclosures.	
8	4.7	Adequate screenings should be done particularly in between Sambar deer & Wild pig enclosure.	Three month	Six months	The adequate screenings have already been done between Sambar Deer and Wild pig enclosures.	
9	4.9	Hedge should be planted where missing especially in small mammals & python enclosures.	Three month	Six months	Hedge planting have already been done within small mammals and python enclosures.	
10	4.10	Bilingual signage's should be developed with one language being local language and including information pertaining to biology and behaviour of species and species distribution map.	Three month	One year Six month	Bilingual signage's has already been provided with information pertaining to biology and behaviour of species and species distribution map, near all enclosures.	

5. Upkeep and healthcare of animals.

10	5.1 (g)	Footbaths should be made in each enclosure.	Three month	Six months	The Footbaths have already been provided in each	
11	5.3 (3)	Written schedule for deforming should be displayed at every enclosure.	Immediately	Six months	Written should for deforming have already been displayed in every enclosure.	
12	5.3 (6)	Staff should be screened against zoonotic diseases once every year & record	One year	Three months	Screening of staff against zoonotic disease is being done every year & record is being	

6. Veterinary and Infrastructure facilities.

13	6.1(a&b)	Zoo should develop full fledged veterinary unit.	Provision should be included in master plan & develop soon after its approval.	Mentioned in Master Plan.	Presently a small veterinary unit with necessary instruments and medicines is there in the zoo. Separate post-mortem unit is also there. Provision will be made in the Master Plan of the Zoo to have as full fledged Veterinary unit.
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7. Acquisition and breeding of animals.

14	9.1	One Giant squirrel and mongoose housed singly should be paired or shifted to other recognised zoo.	Six month	One year Six months	The mongoose has already paired and attempts are under progress to pair the single Giant squirrel in the in the Zoo.
15	9.9(b)	Population control measures should be carried out for prolific breeding species especially in Spotted deer & four horned antelope.	Immediately	Measure Taken for Population Control by release in nature.	Population control measures are being practiced in case of Spotted Deer and Four horn Antelope.
16	9.10	Disaster management plan should be included in master plan.	Immediately	Mentioned in Master Plan	The Disaster management plan will be included in the Master Plan of Zoo.

8. Education and Outreach Activities.

17	11.1	Zoo should take up the educational activities to the visitors.	Immediately	One year	The Educational activities to school/collage students have already been started.
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9. Visitors facilities

19	12.1&3	Ramps should be constructed for Divyang visitors and arrangements of wheel chair should be made.	Immediately	Six months	Ramps have already constructed and wheel chairs have also been made available in the premises of zoo for facilitating the visitors.
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30.-List of free living wild animals within the zoo premises

- a. Mammals :- Bat & Mongoose found inside zoo area.
- b. Birds :- Variety of birds found inside zoo area like Egret, Heron, Kites, Owl, Oriole, Dove, Crow, Maina.
- c. Reptiles :- Snakes like Russell Vipers, Dhamana, Cobra, & reptile like Chameleon
- d. Amphibians: - Frogs are found inside Zoo premises.

[Signature]
 Divisional Forest Officer
 Hirakud Wildlife Division
 Sambalpur