

RESCUE CENTRE, GOREWADA PROJECT, NAGPUR

Annual Report for the Year 2017-18



CONTENTS

Sr. No.	Section	Page Number
1.	Report of the Officer-in-charge	
2.	History of the Rescue Centre	
3.	Vision	
4.	Mission	
5.	Objective	
6.	About us	
7.	Organization Chart	
8.	Human Resources for management of Rescue Centre	
9.	Capacity Building of Rescue Centre Personnel	
10.	Rescue Centre Advisory Committee	
11.	Health Advisory Committee	
12.	Statement of Income and Expenditure of the Rescue Centre	
13.	Daily Feed Schedule of Animals	
14.	Vaccination Schedule of Animals	
15.	De-worming Schedule of Animals	
16.	Disinfection Schedule	
17.	Health Check-up of Employees for Zoonotic diseases	
18.	Development Works carried out in the Rescue Centre during the Year	
19.	Important Events and happenings	
20.	Seasonal special arrangements for upkeep of animals	
21.	Research Work carried out and publications	
22.	Rescue and Rehabilitation of the Wild Animals	
23.	Annual Inventory of Animals	
24.	Mortality of Animals.	
25.	Status of the Compliance with conditions stipulated by the Central Zoo Authority.	

1. **Report of the Officer-in-charge** : Nandkishor Kale, Divisional Manager, Gorewada Project, Nagpur.

2. **History of the Rescue Centre** : In the year 2005, Government of Maharashtra had taken a decision, in principle, to set up an International Standard zoo and Bio Park at Gorewada (Nagpur, Maharashtra) on 1914 ha. of forest land vide its resolution (G.R) No. WLP-1099/C.R.89/F-1 dated 12 Dec 2005. Principal Chief Conservator of forest (wildlife), Maharashtra State, Nagpur had submitted a proposal to establish a zoo and rescue centre vide PCCF (WL) M.S. Nagpur's letter no. Desk 22 (6)/Plan/1044/2009-20 dated 03.02.2010. Accordingly a detailed project report (DPR) was prepared by M/S Bernard Harrison & Friends Ltd and revised by Forest Development Corporation of Maharashtra (FDCM) Ltd, Nagpur. The DPR was submitted to Central Zoo Authority (CZA) for scrutiny and its approval. The DPR along with Master Layout Plan was examined by expert group on zoo design of CZA. Later on the proposal was examined by the technical committee of CZA, the meeting of which was held on 22 March 2013.

The Government of Maharashtra obtained the approval of Hon'ble Supreme Court to establish a new zoo and rescue centre at Gorewada.

3. **Vision** : A journey through the forests with animals and birds is compliment to conservation, education, awareness and recreation. The proposed Zoo of international standards will be integrated attractions which will house various animal species in innovatively created areas thus attempting to establish one of its kinds Zoo thereby making the sightseer's visit a lifetime experience. This zoo will be a showcase of nature for the visitors.

4. **Mission** : The Park will volunteer natural conservation, scientific research, and public education of the floral and faunal species of great importance of Gondwana land. The place will conduct enlightening activities for the visitors to bring betterment in their outlook towards animals. The Gorewada Zoo will be a combination of entertainment, education and science of zoos, aquariums, botanical gardens, etc. all put at one place.

5. **Objective** : A professionally run zoological park serves a variety of roles to benefit both the animals, its houses and the visiting public. Carefully planned breeding programmes can help propagate endangered species and continue gene pools for species whose habitats have been obliterated. Pure as well as applied research on animals in captivity can benefit not only the animals in the zoos but also in the wild. Educational programmes can help foster the respect that wild animals deserve and familiarize the visitors with the important role these animals play in the ecosystem. Large scale habitat destruction has resulted in the extinction of many species. Zoos may have to serve as the last bastion for threatened and endangered species.

The zoo shall work for the conservation of the rich bio-diversity of the state to the following objectives:

- To promote wildlife conservation (Scientific breeding of endangered species and releasing them into wild).
- Care and rehabilitation of injured, sick and orphan wild animals.
- To collect and collate the scientific data on the biology, behaviour and health care of various species of wild animals housed in the zoo and use the same in future management of the zoo.
- To assist in conservation of the in-situ population of various species of endangered animals and their habitat by sensitizing the people.

- To promote research and education on wildlife conservation.
- To create amongst the visitors empathy towards wild animals through appreciation and better understanding.
- To promote international eco-tourism.
- To create the opportunities of employment / self-employment.

6. About us :

Sr. No.	Particulars	Information
Basic Information about the Rescue Centre		
1.	Name of the Rescue Centre	Wildlife Rescue Centre, Gorewada Project, Nagpur
2.	Year of Establishment	
3.	Address of the Rescue Centre	Near Hindustan Lever Godown square, Fetri, Mahurzari Road, Nagpur-441501
4.	State	Maharashtra
5.	Telephone Number	0712-2667477
6.	Fax Number	
7.	E-mail Address	dmgorewada@gmail.com
8.	Website	www.fdcn.nic.in
9.	Distance from nearest	Airport: Railway Station: Bus Stand:
10.	Recognition Valid upto (Date)	22/03/2019
11.	Area (in Hectares)	45 Ha.
Management Personnel of the Rescue Centre		
12.	Name with designation of the Officer-in-charge	Mr. Nandkishor Kale, Divisional Manager, Gorewada Project, Nagpur
	Name of the Veterinary Officer	Dr.V.M.Dhoot
	Name of the Curator	Shri R.B.Uikey
	Name of the Biologist	
	Name of the Compounder / Lab Assistant	
Owner / Operator of the Rescue Centre		
13.	*Name of the Operator	Forest Development Corporation of Maharashtra Ltd. Nagpur
14.	Address of the Operator	Wildlife Rescue Centre, Gorewada, Near Hindustan Lever Godown Square, Fetri, Mahurzari Road, Nagpur-441501
15.	Contact details / Phone Number of Operator	0712-2667477
16.	E-mail address of Operator	dmgorewada@gmail.com

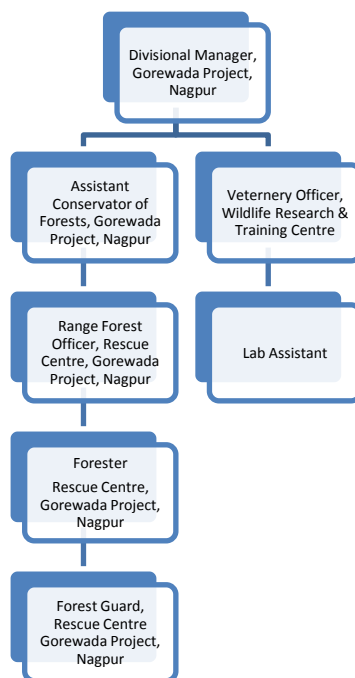
**Rule 2(m) of the Recognition of Zoo Rules, 2009.*

"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 of the Rescue Centre :



8. Human Resources deployment for management of Rescue Centre (Officer-in-charge to Animal Keeper - Sanctioned posts, in-position and vacant posts) :

Human Resources of the Rescue Centre*

Sr. No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1.	Divisional Manager	1	Shri. Nandkishor Kale
2.	Assistant Conservator of Forest	1	Shri. H.V. Madbhushi
3.	Veterinary Officer	1	Dr. Shri. V.M. Dhoot
4.	Range Forest Officer	1	Shri. R.B. Uikey
5.	Forester	1	Shri. P.M. Chavan
6.	Forest Guards	3	1) Shri. R.H. Waghade 2) Shri. D.S. Sasankar 3) Shri. A.L. Jadhao
7.	Forest Labours (Permanent)	3	1) Shri. Gendlal Shende 2) Shri. Dashrath Uikey 3) Shri. Purushottam Gore

* Please give abovementioned information in respect of all Rescue Centre Personnel, from the Officer-in-charge upto the Animal Keeper.

9. Capacity Building of Rescue Centre Personnel :

Sr. No.	Name and Designation of the Rescue Centre Personnel	Subject matter of training	Period of Training	Name of the Institution where the Training attended
-----Nil-----				

10. **Rescue Centre Advisory Committee :**

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

11. **Health Advisory Committee of the Rescue Centre :**

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

12. **Statement of income and expenditure of the Rescue Centre :**

(Rs. In Lakh)

<u>Items</u>	<u>Income (Sanction Grant)</u>	<u>Expenditure</u>
Feed for Wild Animals	120.00	24.70

13. **Daily feed schedule of animals :**

Sr. No.	Species	Feed Item	Quantity (kg)		Day of Fasting
			Winter	Summer	
1)	Bengal Tiger	Buffalo Beef	7-10	6-8	Sunday
2)	Leopard	Buffalo Beef	3.5-4	3-4	Sunday
3)	Black Buck	Green Grass, Concentrate Vegetable	Green grass- 3 kg Dry fodder-1 kg Vegetables- 500 gms Leafy vegetables- 100 gms Concentrate mixture- 300 gms	Green grass- 3 kg Vegetables- 500 gms Leafy vegetables- 100 gms Concentrate mixture- 300 gms	NIL
4)	Bear Sloth	Seasonable Fruits, Eggs, Fish, Honey	Papaya- 500gms Banana-500 gms Seasonal fruits- 500 gms Jiggery/ Honey- 500 gms Eggs- 2 no.	Papaya- 500gms Banana-500 gms Seasonal fruits- 500 gms Jiggery/ Honey- 500 gms Eggs- 2 no.	NIL

			Fish- 500 mgs once a week Bread-500 gms	Fish- 500 mgs once a week Bread-500 gms	
5)	Rock Python	Eggs, Rat	6 Eggs,1 Rat twice a week	6 Eggs,1 Rat twice a week	Nil
6)	Black Headed Royal Snake	Rat	1 Rat twice a week	1 Rat twice a week	Nil
7)	Macaque Rhesus	Seasonable fruits, vegetables, Bread	Seasonable Fruits & vegetables-500 gms Bread-200 mgs Groundnut-100 gms Roasted gram-50 gms	Seasonable Fruits & vegetables-500 gms Bread-200 mgs Groundnut-100 gms Roasted gram-50 gms	NIL
8)	Common Lungur	Seasonable fruits	Seasonable Fruits & vegetables-500 gms Bread-400 mgs Groundnut-100 gms Roasted gram-50 gms	Seasonable Fruits & vegetables-500 gms Bread-400 mgs Groundnut-100 gms Roasted gram-50 gms	NIL
9)	Blue bull	Green Grass, Concentrate Vegetable	Green grass-6-10 kg Dry fodder-3 kg Vegetables-1 kg Concentrate Mixture-1.5 kg	Green grass-6-10 kg Dry fodder-3 kg Vegetables-1 kg Concentrate Mixture-1.5 kg	NIL
10)	Bison	Green Grass, Concentrate Vegetable	Green grass-25 kg Dry fodder-10 kg Vegetables-2.5 kg Concentrate Mixture-3 kg	Green grass-25 kg Dry fodder-10 kg Vegetables-2.5 kg Concentrate Mixture-3 kg	NIL
11)	Spotted Deer (Chital)	Green Grass, Concentrate	Green grass-3-5 kg	Green grass-3-5 kg	NIL

		Vegetable	Dry fodder- 1-2 kg Vegetables- 0.5 kg Concentrate Mixture-0.5 kg	Dry fodder- 1-2 kg Vegetables- 0.5 kg Concentrate Mixture-0.5 kg	
12)	Eagle Birds Boneillis	Buffalo Beef Kheema	Buffalo Beef Kheema-200 gms	Buffalo Beef Kheema-200 gms	NIL
13)	Eurocian Eagle Owl	Buffalo Beef Kheema	Buffalo Beef Kheema-200 gms	Buffalo Beef Kheema-200 gms	NIL
14)	Stork	Fish	Fish 200-300 gms	Fish 200-300 gms	NIL
15)	Black Kite	Buffalo Beef Kheema	Buffalo Beef Kheema-200 gms	Buffalo Beef Kheema-200 gms	NIL
16)	Pheasant Reeves	Leafy vegetable	Leafy vegetable- 100 to 200 gms, Concentrate mixture- 50 to 100 gms	Leafy vegetable- 100 to 200 gms, Concentrate mixture- 50 to 100 gms	NIL

14. Vaccination Schedule of Animals :

Sr. No.	Species	Disease Vaccinated for	Name of the Vaccine and dosage / quantity used	Periodicity	Remarks
1)	Bengal Tiger				
2)	Leopard		Felocell 3, Rabies, Feline Pan---, Feline Calc---- feline Rhinotracheitis		
3)	Black Buck		-		
4)	Bear Sloth		Rabies		
5)	Rock Python		-		
6)	Black Headed Royal Snake		-		
7)	Macaque Rhesus		-		
8)	Common Lungur		-		
9)	Blue bull		-		
10)	Bison		-		
11)	Spotted Deer (Chital)		-		

12)	Eagle Birds Boneillis		-		
13)	Eurocian Eagle Owl		-		
14)	Stork		-		
15)	Black Kite		-		
16)	Pheasant Reeves		-		

15. De-worming Schedule of animals :

Sr. No.	Species	Drug used	Month
1)	Bengal Tiger	Praziquantel & Fenbendazole	January-18
2)	Leopard	Praziquantel & Fenbendazole	January-18
3)	Black Buck	Mebendazole	January-18
4)	Bear Sloth	Mebendazole	January-18
5)	Rock Python	--	January-18
6)	Black Headed Royal Snake	--	January-18
7)	Macaque Rhesus	Mebendazole	January-18
8)	Common Lungur	Mebendazole	January-18
9)	Blue bull	Mebendazole	January-18
10)	Bison	--	January-18
11)	Spotted Deer (Chital)	Mebendazole	January-18
12)	Eagle Birds Boneillis	--	January-18
13)	Eurocian Eagle Owl	--	January-18
14)	Stork	--	January-18
15)	Black Kite	--	January-18
16)	Pheasant Reeves	--	January-18

16. Disinfection Schedule :

Sr. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1)	Bengal Tiger		Liquid Kohrsolin- TH / Liq. Vircon -S Used alternately.	Twice a week.
2)	Leopard			
3)	Black Buck			
4)	Bear Sloth			
5)	Rock Python			
6)	Black Headed Royal Snake			
7)	Macaque Rhesus			
8)	Common Lungur			
9)	Blue bull			

10)	Bison			
11)	Spotted Deer (Chital)			
12)	Eagle Birds Boneillis			
13)	Eurocian Eagle Owl			
14)	Stork			
15)	Black Kite			
16)	Pheasant Reeves			

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

Sr. No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1	Shri P.M. Chavhan	Forester	05/06/18	Negative
2	Shri R.H.waghade	Forest Guard	05/06/18	Negative
3	Shri P.N.Gore	Forest Labour	05/06/18	Negative
4	Shri. G.R Shende	Forest Labour	05/06/18	Negative
5	Shri D.J. Uike	Forest Labour	05/06/18	Negative
6	Shri C.H.kolhe	Labour	05/06/18	Negative
7	Shri M.M. Kalbande	Labour	05/06/18	Negative
8	Shri R.L. Kirnake	Labour	05/06/18	Negative

18. Development Works carried out in the Rescue Centre during the year : CCTV's were installed in Tiger Enclosure No.1.

19. Important Events and Happenings : Wildlife Week was celebrated.

20. Seasonal special arrangements for upkeep of animals : Coolers and Heaters were provided.

21. Research Work carried out and publications : Research work is in progress.

22. Rescue and Rehabilitation of Wild Animals :

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

23. **Annual Inventory of Animals :**

FORM-II

[See Rule 11(1)]

Part-A

Inventory Report for the Year :

Endangered Species*

Sr.No.	Animal Name	Scientific Name	Opening Stock as on				Births			Acquisition			Disposal			Death			Closing Stock as on			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1)	Bengal Tiger	Panthera Tigress	1	1	0	1	3	1	0	1	1	0	0	0	0	3	1	0	2	2	0	4
2)	Leopard	Panthera Pardus	9	5	0	14	0	0	0	1	1	0	0	0	0	0	0	0	9	7	0	16
3)	Black Buck	Antilope cervicapra	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	2
4)	Bear Sloth	Malurus ursinus	0	1	0	1	0	0	0	1	1	0	0	0	0	0	0	0	1	2	0	3
5)	Rock Python	Python sebae	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
6)	Bison	Bison Bison	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0

Part-B

Other than Endangered Species*

Sr.No.	Animal Name	Scientific Name	Opening Stock as on				Births			Acquisition			Disposal			Death			Closing Stock as on				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
1)	Black Headed Royal Snake	Spalerosophis atriceps	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	
2)	Macaque Rhesus	Macaca Mulatta	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	1	2	0	3
3)	Common Lungur	Semnophthecus Priam	1	1	0	2	0	0	0	3	2	0	0	0	0	0	0	0	3	4	0	7	
4)	Blue bull	Boselophus tragocamelus	1	0	0	1	0	0	0	2	6	0	0	0	0	2	2	0	1	4	0	5	
5)	Spotted Deer (Chital)	Axis Axis	0	1	0	1	0	0	0	2	0	0	0	0	0	0	0	0	2	1	0	3	
6)	Eagle Birds Boneillis	Hieraetus Fasciatusfascia	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
7)	Eurocian Eagle Owl		0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
8)	Stork	Leptoptilos	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
9)	Black Kite		0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
10)	Pheasant Reeves		1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3	

24. 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 findings.
1.	Bengal Tiger	Panthera Tigress	M	24.02.2018	Died due to Cerebral concussion and cardiac Vascular failure.
			M	24.02.2018	Died due to respiratory failure and cardio vascular failure.
			M	24.02.2018	Died due to respiratory failure and cardio failure
			F	24.02.2018	Died due to Cerebral concussion and cardio Vascular failure.
2.	Rock Python	Python sebae	F	09.12.2017	Death was due to fracture of mandible and pus.
3.	Black Headed Royal Snake	Spalerosophis atriceps	U	09.12.2017	Died due to haemorrhagie enteritis.
4.	Blue bull	Boselophus tragocamelus	M	01.07.2017	Died due to shock.
			M	27.12.2017	Died due to pneumonia.
			F	22.02.2018	Died due to shock.
			F	17.03.2018	Died due to Cerebral and cardiac concussion failure.
5.	Bison	Bison Bison	M	29.04.2017	Respiratory failure due to gangrenos pneumonia.
6.	Eagle Birds Boneillis	Hieraetus Fasciatusfascia	M	21.10.2017	Died due to septicaemia.
7.	Lesser adjunct Stork	Leptoptilos	U	16.04.2017	Death was due to gangrene wing.

25. 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