

# Birsa Mrig Vihar, Kalamati

Annual Report for the year

2019-20

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## 1. Report of the Officer-in-charge

Birsa Mrig Vihar, Kalamati was established in 1982. This is the only Zoo situated at the Khunti District of Jharkhand. Main aim of the zoo is to creating awareness ex- situ conservation of the wildlife which is most important during the day today conditions.

## 2. History of the Zoo

Birsa Mrig Vihar, Kalamati was created by Govt. of Bihar vide sanctioned order No. 52 dated 02-01-1982 at an initial cost of Rs. 13.775 lakhs under the Tribal Area Sub Plan of the Department of Forest and Environment.

Birsa Mrig Vihar, Kalamati was inaugurated by the then forest Hon<sup>ble</sup> Minister Sri. Bhukla Bhagat on 05-03-1987.

Birsa Mrig Vihar, Kalamati has been recognized as "Mini Zoo" by CZA in the year 2009 vide his letter no F. No 19-131/93-CZA(51)(M)-dated 19.05.2009.

## 3. Vision

- a. Ensuring the welfare of natural resources through conservation of biodiversity.
- b. The park is to provide a glimpse of wild animals to the general public for developing a healthy relationship between animal and human beings.
- c. To promote conservation of our invaluable faunal resources through display, care and awareness. It is committed towards protection and conservation of species and strives for a peaceful co-existence to development and conservation.
- d. To provide protection and management for Spotted deer and Sambhar in the surrounding forest in a natural habitat.
- e. To create awareness among public, Students on Wild Life and its habitat.

## 4. Mission

Recouping and maintaining gene pool and biological diversity of other vulnerable population of Chital and Sambar in the state.

## 5. Objective

Birsa Mrig Vihar, Kalamati focus on wildlife collection, resource inventory, capacity building, education, research, extension and human resource development.

## 6. About us

S.No.	Particulars	Information
<b>Basic Information about the Zoo</b>		
1	Name of the Zoo	Birsa Mrig Vihar, Kalamati
2	Year of Establishment	<b>1982</b>
3	Address of the Zoo	Birsa Mrig Vihar, Kalamati Khunti,
4	State	Jharkhand.
5	Telephone Number	0651-2480948
6	Fax Number	—
7	E-mail address	bmvkalamati@gmail.com
8	Website	
9	Distance from nearest	Airport: 19.9 KM
		Railway Station: 22.5 KM
		Bus Stand: 19.00 KM
10	Recognition Valid upto (Date)	For the period beyond 26.06.2019
11	Category of zoo	Mini Zoo
12	Area (in Hectares)	23.57 hectares
13	Number of Visitors (Financial Year 2019-20)	Adult : 42366
		Children :

S.No.	Particulars	Information
		Total Indian : 42366
		Total Foreigners : Nil
		Total Visitors: 42366
14	Visitors' Facilities Available in Zoo	<ul style="list-style-type: none"> <li>❖ Resting sheds for visitors</li> <li>❖ Benches</li> <li>❖ Watch-towers</li> <li>❖ Bridges &amp; Pathways</li> <li>❖ Toilets</li> <li>❖ Drinking Water Facility</li> <li>❖ Parking Facility for two wheeler &amp; four wheeler</li> <li>❖ Canteen</li> <li>❖ Children's Park</li> <li>❖ Tourist shed</li> <li>❖ Nature education centre</li> <li>❖ Amphitheatre</li> <li>❖ Garden cum lawn</li> </ul>
15	Weekly Closure Day of the Zoo	Thursday
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Sri G.N Yadav, Range Forest Officer.
	Name of the Veterinary Officer	Dr. A.P. Singh, Adarsh Gram Officer, Khunti
	Name of the Curator	—
	Name of the Biologist	—
	Name of the Education Officer	—

S.No.	Particulars	Information
	Name of the Compounder/ Lab Assistant	—
<b>Owner / Operator of the Zoo</b>		
17	*Name of the Operator	Addl. Chief Secretary, Dept. of Forest Environment & Climate Change, Jharkhand Ranchi
18	Address of the Operator	Secretariat Nepal House, Doranda, Ranchi Jharkhand Pin code- 834002
19	Contact details/Phone number of Operator	0651-2491669
20	E-mail address of Operator	prsecyfdjharkhand@rediffmail.com

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

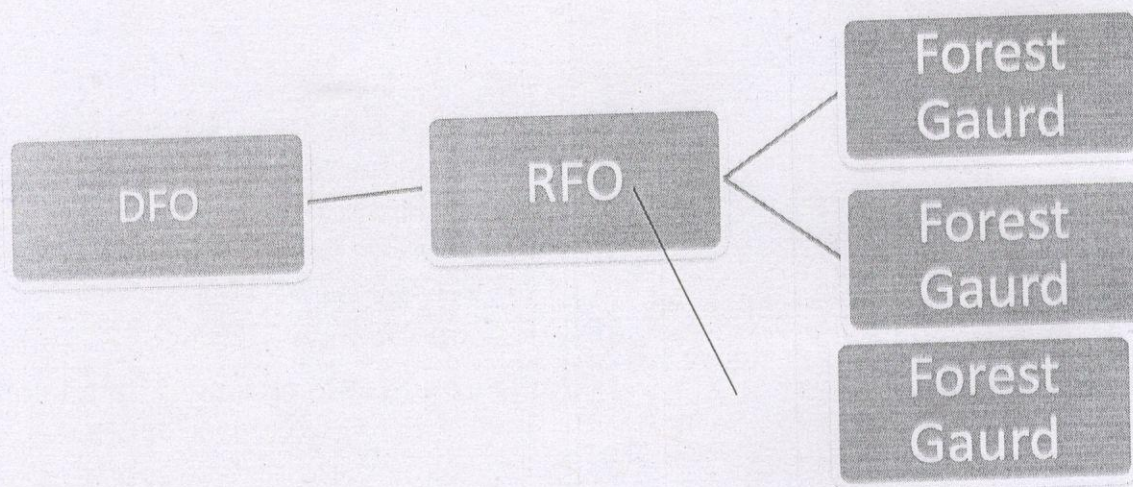
“Zoo Operator” means the person who has ultimate control over the affairs of the zoos provided that \_\_\_\_\_

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



8. Human Resources

Manpower of the Zoo\*

Sl.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1	Range Forest Officer(Zoo Manager).	1	Sri G.N Yadav,
2	Forest Guard	3	1.Bolanath 2. Joyti Babita Tirkey
3	Chowkidar	1	
4	Animal keeper	8	Sri. Sona Oraon, Sri Komal Lohara, Sri Budhram Trikey, Sri. Anil Ram, Sri Samel Toppo, Sri Xavier Munda, Sri Chandru Gasi,
5	Night guard.	2	
6	Sweeper	5	Smt. Sita tirkey, Smt. Jenat Sanga, Smt.Mangi Pahan, Smt.Maya Devi,
7	Mali	1	

**Note- Sl no 3 to 7 are Daily wages staff**

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

9. Capacity Building of zoo personnel - Nil



10. Zoo Advisory Committee – Nil

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

11. Health Advisory Committee– Nil

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

12. Statement of income and expenditure of the Zoo

SL No	Year	Income (in Lakhs)	Expenditure (in Lakhs)
1	2019-20	2.11830	203.38200

13. Daily feed Schedule of animals

Sl. No	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Chital	Wheat Chokar, Maize Chokar, Pulse(Arhar) Chunni, Tissi Khali, Peanut Khali, Cattle	1.175 Kg/ Chital	2.150 Kg/ Chital	Nil
2	Sambar	feed-Husk, salt, Mahua, Gur, Chana	3.545 Kg/ Sambar	4.750 Kg/ Sambar	Nil

14. Vaccination Schedule of animals

Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	Chital	Foot & Mouth, seasonal Disease, sores	Bolus lixen 1.5g, spray exoheal , bolus panacure-3g(10mg per kg), Bestmine gold-10 to 15 gm added in feed syrup ostovet fort 10 ml/per day, spray topicure	During the rainy season	
2	Sambar				

15. De-worming Schedule of animals

Sl.No.	Species	Drug used	Month
1	Chital	Albendazole, Bolus Panacure	At the interval of every three months
2	Sambar		

#### 16. Disinfection Schedule

Sl.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	Chital	Chital Enclosure	Spraying of 2% Sodium hydroxide, Soil is turned upside down and mixed neem khali, Lime Powder and karanj khali	Every month
2	Sambar	Sambar Enclosure		

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

Sl.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1.	Sri. Sona Oraon	Zoo Keeper	17-01-2020	Medically, Physically and mentally fit and also free from tuberculosis
2.	Sri Komal Lohara	Zoo Keeper	17-01-2020	
3.	Sri Budhram Trikey,	Zoo Keeper	17-01-2020	
4.	Sri. Anil Ram, Zoo Keeper	Zoo Keeper	13-01-2020	
5.	Sri Samel Toppo,	Zoo Keeper	13-01-2020	
6.	Sri Xavier Munda,	Zoo Keeper	13-01-2020	
7.	Sri Chandru Gasi,	Zoo Keeper	13-01-2020	

#### 18. Development Works carried out in the zoo during the year 2019-20

- a. Grass land development – 1ha
- b. Construction of boundary wall of 2mt. height – 1100ft.
- c. Construction of ladies toilet.
- d. Soil & Moisture Conservation work ( stone masonry work)

19. **Education and Awareness programmers during the year-** From 02.10.2019 to 07.10.2019 Wildlife Week Program was organized among the childrens of three schools namely Kalamati, Fudi, Silda. Competition like wildlife photography, essay writing, speech & drawing competition was organized.

20. **Important Events and happenings – Nil**

21. **Seasonal special arrangements for upkeep of animals-** Temporary separation of Deer and Sambhar during breeding season only to check inbreeding. Feeding platforms is fenced with “Puwal Tati” from three side during winter season to check cold wind.

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
	--	--	--	--	--
B.	Animals going from the zoo				
	H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
	--	Sambhar ( <i>Cervus unicolor</i> )	3 (1:2)	Suruliya Mini Zoo, Puruliya, West Bengal	17-12-2019
		Sambhar ( <i>Cervus unicolor</i> )	2 (1:1)	Bardhman Zoological Park, West Bengal	19-03-2020
	Sambhar ( <i>Cervus unicolor</i> )	1 (0:1)	Bardhman Zoological Park, West Bengal	20-03-2020	

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 :

Endangered Species\*

S.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	Spotted deer	<i>Axis axis</i>																					
	Sambhar	<i>Cervus unicolor</i>																					

\*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				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	Spotted Deer	<i>Axis axis</i>	47	82	0	129			2								2			45	82	2	129
2	Sambhar	<i>Cervus unicolor</i>	22	21	2	45			2			2	4						20	17	4	41	

27. Mortality of animals

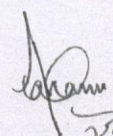
Sl.No.	Animal Name (with individual identification mark, if any)	Scientific Name	Sex	Date of Death	Reason of Death as per the Post-mortem report
1.	Spotted Deer	<i>Axis axis</i>	Male	17.12.2019	Due to Respiratory failure
2.	Spotted Deer	<i>Axis axis</i>	Male	27.01.2020	Due to Respiratory failure

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	Status with regard to compliance of the conditions
Compliance of condition stipulated by the Central Zoo Authority, New Delhi has been complied vide this office letter no.46 dated 20.01.2020.					

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

- a. Mammals- Nil
- b. Birds- Nil
- c. Reptiles- Nil

  
Divisional Forest Officer,  
Wildlife Division Ranchi.

  
24/02