

Birsa Mrig Vihar, Kalamati

Annual Report for the year
2017-18

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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 vide Govt. of Bihar 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. The Birsa Dear park was inaugurated by the then forest minister Sri. Bhukla Bhagat on 05-03-1987.

3. **Vision**

- A. To conserve Bio-diversity
- B. To promote eco-tourism.
- C. To act as a rehabilitation centre for wild animals and birds.
- 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
Basic Information about the Zoo		
1	Name of the Zoo	Birsa Mrig Vihar, Kalamati

S.No.	Particulars	Information
2	Year of Establishment	1982
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)	30.11.2017 (Fee for renewal of recognition beyond the period 30.11.2017 has been submitted vide this office letter no 1274 dated 12.10.2017, which is still awaited)
11	Category of zoo	Mini Zoo
12	Area (in Hectares)	23 hectares
13	Number of Visitors (Financial Year 2017-18)	Adult : 52665 Children : 3530 Total Indian : 56195 Total Foreigners : Nil

S.No.	Particulars	Information
	.	Total Visitors: 56195
14	Visitors' Facilities Available in Zoo	<ul style="list-style-type: none"> ❖ Resting sheds for visitors ❖ Benches ❖ Watch-towers ❖ Bridges & Pathways ❖ Toilets ❖ Drinking Water Facility ❖ Parking Facility for two wheeler & four wheeler ❖ Canteen ❖ Children's Park ❖ Tourist shed ❖ Nature education centre ❖ Amphitheatre ❖ Garden cum lawn
15	Weekly Closure Day of the Zoo	Thursday
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Sri Ajit Kumar Singh, Range Forest Officer.
	Name of the Veterinary Officer	Dr. Arun Pratap Singh, Senior Veterinary Officer, Khunti
	Name of the Curator	—
	Name of the Biologist	—
	Name of the Education Officer	—
	Name of the Compounder/ Lab Assistant	—

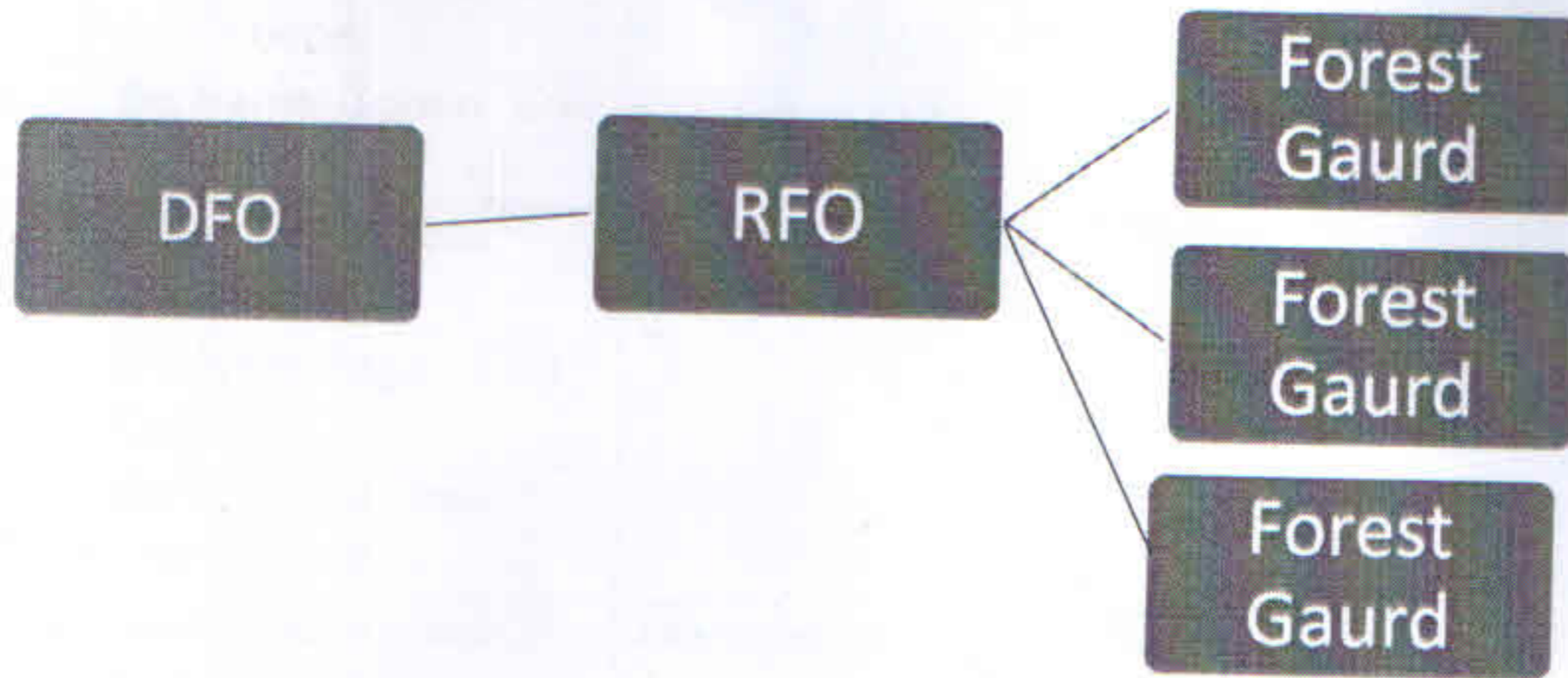
S.No.	Particulars	Information
Owner / Operator of the Zoo		
17	*Name of the Operator	Addl. Chief Secretary, Dept. of Forest Environment & Climate Change, Jharkhand Ranchi
18	Address of the Operator	Secretariat Nepal House, Doranda, Ranchi Jharkhand Pin code- 834002
19	Contact details/Phone number of 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	1
2	Forest Guard	3	3
3	Chowkidar	1	1
4	Animal keeper	8	8
5	Night guard.	2	2
6	Sweeper	5	5
7	Mali	1	1

Note- Sl no 3 to 7 are Daily wages staff

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

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. Bholanath, Forest Guard	For Upkeep and	13.06.2018 to 15.06.2018	Chief Conservator of Forest &

2	Miss Jyoti Babita Trikey Forest Guard	husbandry of spotted Deer and Sambar	19.06.2018 to 21.06.2018	Director, Birsa Biological Park, Ormanjhi, Ranchi
3	Sri. Sanicharwa Ram, Zoo Keeper		13.06.2018 to 15.06.2018	
4	Sri Budhram Trikey, Zoo Keeper		13.06.2018 to 15.06.2018	
5	Sri Samel Toppo, Zoo Keeper		13.06.2018 to 15.06.2018	
6	Sri Xavier Munda, Zoo Keeper		19.06.2018 to 21.06.2018	
7	Sri Jenet Saga, Zoo Keeper		19.06.2018 to 21.06.2018	
8	Sri Chandru Gasi, Zoo Keeper		19.06.2018 to 21.06.2018	
9	Sri Birendra oraon, Zoo Keeper		Management of Wildlife animal in captivity with special focus on Bio Diversity conservation	
10	Komal Lohara, Zoo Keeper	CZA Vision 2030	20.03.2018 to 25.03.2018	Nandan Kanan Biological Park, Bhubaneswar

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	2017-18	2.63325	62.25401

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	1.175 Kg/ Chital	2.150 Kg/ Chital	Nil
2	Sambar	Khali, Cattle 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	29.05.2018	Medically, Physically and mentally fit and also free from tuberculosis
2.	Sri Komal Lohara	Zoo Keeper	11.06.2018	
3.	Sri Budhram Trikey,	Zoo Keeper	11.06.2018	
4.	Sri. Sanicharwa Ram, Zoo Keeper	Zoo Keeper	11.06.2018	
5.	Sri Samel Toppo,	Zoo Keeper	11.06.2018	
6.	Sri Xavier Munda,	Zoo Keeper	11.06.2018	
7.	Sri Chandru Gasi,	Zoo Keeper	29.05.2018 & 11.06.2018	

18. Development Works carried out in the zoo during the year 2017-18

बिरसा मृग विहार, कालामाटी में वित्तीय वर्ष 2017-18 में कराये गये विकास कार्य की विवरणी	
हिरणों के लिए चारा की व्यवस्था	23.00000
हिरणों के लिए घास मैदान का रखरखा	1.00000

पार्क में हिरण इन्क्लोजर, चिल्ड्रेन पार्क का रख रखाव एवं हिरणों की सुरक्षा एवं देखभाल		
i. क्षेत्रीय लिपिक -1- 8633.06	103596.72	
ii. जेनेरेटर एवं पम्प ऑपरेटर-1	103596.72	12.87800
iii. कैम्पर ड्राइबर-1	103596.72	
iv. दैनिक मजदूर-15-240.99	1127833.20	
कालामाटी में अबाध विद्युत आपूर्ति व्यवस्था		1.50000
हिरणों/सांभर के लिए चिकित्सीय देखभाल एवं अन्तपरीक्षण कार्य		1.00000
हिरणों/सांभर के लिए जलापूर्ति व्यवस्था		0.50000
पर्यटकों के लिये जलापूर्ति व्यवस्था		0.50000
पर्यटक कम्मलेकस का रखरखाव		1.50000
शौचालय का रखरखाव		0.60000
निरीक्षण पथ का साधारण मरम्मती कार्य		0.30500
मृदा संरक्षण हेतु सिरीज में स्टोन मेशनरी कार्य		5.00000
पार्क के बाहरी पुराने फोसिंग के बेस में स्टोन मेशनरी कार्य		3.00000
स्टेशनरी एवं टिकट छपाई इत्यादि		1.00000
हिरणों के लिये छाया शेड मरम्मति एवं G C Sheet बदलने का कार्य		2.00000
चिल्ड्रेन पार्क में नये झुलो को व्यवस्थित करना, बैठने के लिये बेन्च आदि का निर्माण		6.00000
प्रचार प्रसार हेतु Signage का निर्माण		2.00000
पोस्टमॉर्टम रूम, शवदाह गृह एवं गोदाम का साधारण मरम्मती एवं रंगाई कार्य		0.30000
विभागीय वाहन का रखरखाव		0.50000
वन्य प्राणी सप्ताह का आयोजन		1.50000
NIC का सुसज्जीकरण		3.00000
CZA के निदेशानुसार सफारी पथ बगल में पौधारोपण		1.50000
कुल योग		68.58300

2 मी0 ऊँचाई तक बाउण्ड्रीवाल का निर्माण (1845 फीट) "वन प्रबंधन सुविधाएँ" योजना के अन्तर्गत किया गया(वित्तीय वर्ष 2015-16 एवं 2016-17)

19. Education and Awareness programmes during the year- Wildlife Week Programme organised from 03.10.2017 to 05.10.2017 of childrens of three schools of Kalamati, Fudi and Silda. Competition of wildlife photography, essay writing, speech & drawing competition organised

20. Important Events and happenings

21. Seasonal special arrangements for upkeep of animals- Temporary separation of deer and sambhar sex population during breeding season only. To check the cold wind, feeding platforms is fenced with "Puwal Tati" from three side

22. Research Work carried out and publications

23. Conservation Breeding Programme of the Zoo

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
	--	--	--	--	--

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.N o.	Animal Name •	Scienti fic name	Opening Stock as on				Births			Acquisitio n			Dispo sal			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

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

Part – B

Other than Endangered Species

S. No	Animal Name	Scientifi c name	Opening Stock as on				Births			Acqui sition			Dispos al			Deat h			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>	37	81	12	130			2						1			45	81	5	131	
2	Sambhar	<i>Cervus unicolox</i>	14	16	11	41			5					2			18	18	8	44		

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	22.11.2017	Due to Respiratory failure
2.	Sambhar	<i>Cervus unicolox</i>	Male	18.01.2018	Due to Cardio Respiratory failure
3.	Sambhar	<i>Cervus unicolox</i>	Male	30.03.2018	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.1272 dated 12.10.2017, letter no. 596 dated 29.05.2018, letter no. 676 dated 14.06.2018, letter no 717 dated 21.06.2018 and letter no. 733 dated 26.06.2018					

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

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


2.7.18
Conservator of Forest
Wildlife Division Ranchi

2-07-18