

# Junglemahal Zoological Park Jhargram Division

Annual Report for the year  
2019-20

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1. **Report of the Officer-in-charge:** Junglemahal Zoological Park which started as a deer park in 1980 has grown to be a medium zoo and has become an important visitor's destination in Jhargram town. It is located within the natural Sal forests thus providing natural habitat for the zoo animals. Over the last 4-5 years new enclosures for leopard, fishing cat, jungle cat, leopard cat, Monkey and Languor, Reptile House, Flying Birds Aviary, Administrative Building, Veterinary Hospital, Nature Interpretation Centre and Kitchen-cum-store, Zoo Supervisor Quarter, Barrack for Zoo Keepers etc are completed as per the guidelines of CZA. A new Hyena enclosure, Stand of Barrier, are also to be constructed. In 2019-20, 1,36,556 persons visited the zoo. Under the guidance of CZA and WBZA, many new works and initiatives are being taken up to further develop the Zoo.
2. **History of the Zoo:** Jhargram Mini Zoo has been started as Deer park in the year 1980 within a small patch of natural Sal forest in the outskirts of Jhargram Town. Subsequently it was accorded the status of Mini Zoo (Small category Zoo) on 9<sup>th</sup> September 2005 by the Central Zoo Authority. In the year 2014 the Govt. of West Bengal decided to upgrade the Mini zoo into a major Zoo and renamed as Junglemahal Zoological Park, Jhargram vide G.O No. 1153-For/O/11M-11/2015 dated Kolkata 3rd June, 2015 through the West Bengal Zoo Authority. The zoo was re-categorized as Medium zoo by Central Zoo Authority vide F.No.18-1/2017-CZA (Vol I)(AK) dated 21<sup>st</sup> November 2017. The Junglemahal Zoological Park, Jhargram is spread in an area 22.928 Ha. Covered by beautiful Sal coppice forest.
3. **Vision :-** The vision of Junglemahal Zoological Park, Jhargram is to showcase the rich biodiversity of lateritic-eco-system in the state of West Bengal.
4. **Mission :** The Junglemahal Zoological Park Jhargram, West Bengal intends to compliment the national efforts in conservation of wildlife, through breeding of endangered species of the Junglemahal region and to develop the empathy among the visitors of wild animals.
5. **Objective :** The Junglemahal Zoological Park, Jhargram intends to complement the national efforts in conservation of wildlife through breeding of endangered wild animal species of the Junglemahal region and develop empathy for wild animals amongst the visitors to the Park.

6. **About us**

S.No.	Particulars	Information
<b>Basic Information about the Zoo</b>		
1	Name of the Zoo	<b>Junglemahal Zoological Park, Jhargram Division</b>
2	Year of Establishment	<b>1980</b>
3	Address of the Zoo	<b>Junglemahal Zoological Park, Jhargram Division, Ghoradhara, Jhargram, Dist- Jhargram- 721507</b>
4	State	<b>West Bengal</b>
5	Telephone Number	<b>03221255010</b>
6	Fax Number	<b>03221255010</b>
7	E-mail address	<b>jmzpjhargram@gmail.com</b>
8	Website	<b>None</b>
9	Distance from nearest	Airport: 183 km
		Railway Station: 2.6 km
		Bus Stand:3.4 km
10	Recognition Valid upto (Date)	<b>21<sup>st</sup> March 2019</b>
11	Category of zoo	<b>Medium category Zoo</b>
12	Area (in Hectares)	<b>22.98 Ha.</b>
13	Number of Visitors (Financial Year)	Adult : <b>111867</b>
		Children : <b>24689</b>
		Total Indian: <b>136556</b>
		Total Foreigners: Nil
		Total Visitors: <b>136556</b>
14	Visitors' Facilities Available in Zoo	<b>Drinking water, Toilet</b>
15	Weekly Closure Day of the Zoo	<b>Thursday</b>
<b>Management Personnel of the zoo</b>		
16	Name with designation of the Officer in-charge	<b>Dr. Basavaraj S.H, IFS</b>
	Name of the Veterinary Officer	Vacant
	Name of the Curator	Vacant

S.No.	Particulars	Information
	Name of the Biologist	Vacant
	Name of the Education Officer	Vacant
	Name of the Compounder/ Lab Assistant	Vacant
<b>Owner / Operator of the Zoo</b>		
17	*Name of the Operator	<b>West Bengal Zoo Authority</b>
18	Address of the Operator	Aranya Bhavan, 7 <sup>th</sup> Floor, Salt lake, Sector III, Kolkata 98
19	Contact details/Phone number of Operator	03323355011
20	E-mail address of Operator	<a href="mailto:wbzooauthority@yahoo.in">wbzooauthority@yahoo.in</a>

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

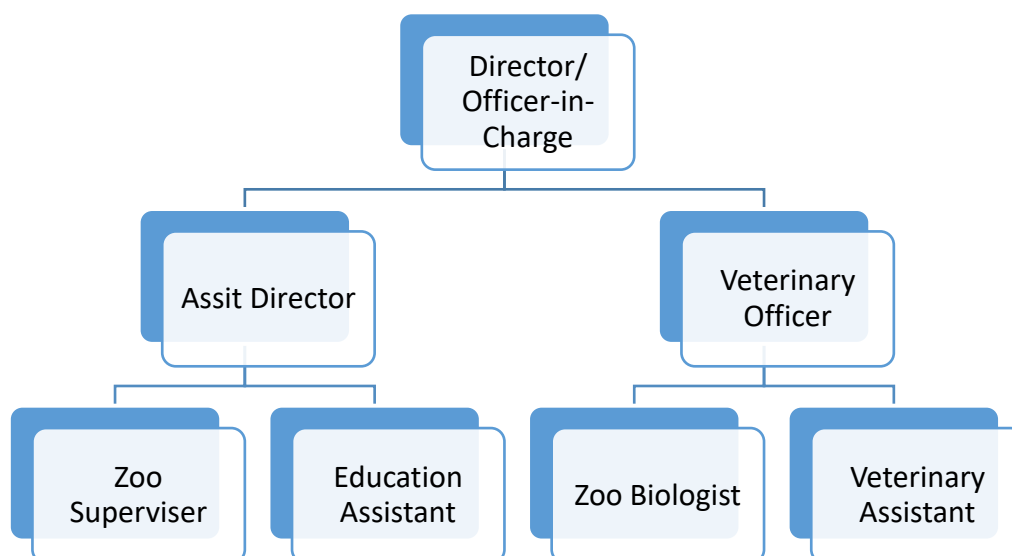
“Zoo Operator” means the person who has ultimate control over the affairs of the zoos provided that\_\_\_\_\_

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	Director	1	1 (Ex-officio)
2	Asst. Director	1	-
3	Veterinary Officer	1	-
4	Zoo Biologist	1	-
5	Zoo Supervisor	1	-
6	Education Assistant	1	-
7	Veterinary Assistant	1	-
8	Asst. Zoo Supervisor	2	-
9	Asst. Estate/Security supervisor	1	-
10	Gate Keeper	1	-
11	Driver	1	-
12	Zoo Keeper	8	-
13	UDC/OA/TA	1	-
14	LDC	1	-
15	Ticket Clerk	1	-
<b>Total</b>		<b>23</b>	<b>1</b>
<b>16</b>	<b>Support stuff (on contract)</b>		
a.	Zoo Superintendent	1	1
b.	Office Assistant	1	1
c.	Veterinary assistant	1	1
d.	Ticket Collector	1	1
e.	Security	12	5
f.	Zoo Keeper	8	2
g.	Sanitation	6	2
h.	Garden	6	2
i.	Attendant	7	-
j.	Animal Attendants	8	3
<b>Total</b>		<b>51</b>	<b>18</b>
<b>Grand Total</b>		<b>74</b>	<b>19</b>

\*Please give abovementioned information in respect of all zoo personnel, from the Officer in-charge up to 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.	Sahebram Murmu	Capture of animals and tranquilization	22 <sup>nd</sup> and 23 <sup>rd</sup> Feb 2020	North Bengal Wild Animals Park
2.	Shambhu Murmu			

10. **Zoo Advisory Committee –**

- a. Date of constitution: Not constituted
- b. Members: NA
- c. Dates on which Meetings held during the year: NA

11. **Health Advisory Committee –**

- a. Date of constitution : 07-03-2018
- b. Members:
  - i. Joint Director, ARD IAH & VB (R&T) – Chairman
  - ii. Dr Joyjit Mitra, Specialist (Sero Epidemiology) RDDDL (ER) – Member
  - iii. Dr Debashish Chatterjee, Asst Director, ARD (Vety) (Disease Investigation) – Member
  - iv. Dr Proloy Mandal, Asst Director, ARD (Vety) – Member
- c. Dates on which Meetings held during the year: 9<sup>th</sup> July 2019.

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

**Probational Income & Expenditure for the year of 2019-20**

SL No.	Income	Amount Rs.	Expenditure	Amount Rs.
1.	Opening Balance (Balance Carry forward from 2018-19)	74,73,714.17	Expenditure during the Year 2019-20	2,61,43,802.20
2.	Fund received during the year 2019-20	2,70,03,963.00		
	Total	<b>3,44,77,677.17</b>	Total	<b>2,61,43,802.20</b>

13. **Daily Feed Schedule of animals**

Sl. No.	Species	Feed Item	Quantity		Day of Fasting
			Winter	Summer	
1.	Sloth Bear	Rice	1	1	Nil
		Gramflour	0.6	0.6	Nil
		Milk	1	1	Nil
		Dalia	0.3	0.3	Nil
		Apple	0.15	0.15	Nil
		Honey	0.3	0.3	Nil
		Salt	0.05	0.05	Nil
2	Hyena	Beef	2	2	Thursday
3	Leopard	Beef	4	4	Thursday
4	Indian Wolf	Beef	1.5	1.5	Thursday
		Live Chicken	1.5	1.5	Thursday



Sl. No.	Species	Feed Item	Quantity		Day of Fasting
			Winter	Summer	
5	Jungle Cat	Beef	0.4	0.4	Thursday
		Live Chicken(Poultry)	0.4	0.4	Thursday
6	Fishing Cat	Beef	0.5	0.5	Thursday
		Live Chicken(Poultry)	0.5	0.5	Thursday
		Fish	0.4	0.4	Thursday
7	Civet Cat	Chicken(Poultry)	0.3	0.3	Thursday
		Banana	2	2	
		Atta ( wheat flour)	0.15	0.15	
8	Crocodile	Beef	4	4	Thursday
9	Python	Live Chicken	-	1	6 days in a week
10	Monitor lizard	Chicken (poultry)	0.25	0.25	Thursday
		Fish	0.1	0.1	Thursday
11	Indian Porcupine	Cucumber	0.3	0.3	Thursday
		Banana	4	4	Nil
		Rice	0.1	0.1	Nil
		Dal (Pules)	0.05	0.05	Nil
		Salt	0.05	0.05	Nil
12	Spotted Deer	Cattle Feed	0.4	0.4	Nil
		Gram	0.25	0.25	Nil
		Rice Husk	0.025	0.025	Nil
13	Barking Deer	Cattle Feed	0.35	0.35	Nil
		Gram	0.15	0.15	Nil
		Carrot, Ladyfinger,Pumpkin ,Tomato	0.2	0.2	Nil
		Rice Husk	0.02	0.02	Nil
		Cucumber	0.35	0.35	Nil
14	Rhesus Macaque/Languor	Rice	0.2	0.2	Nil
		Pulse (Dal)	0.05	0.05	Nil
		Gram	0.05	0.05	Nil
		Cucumber	0.4	0.4	Nil
		Salt	0.05	0.05	Nil
		Atta (Wheat Flour)	0.25	0.25	Nil
		Turmeric powder	0.01	0.01	Nil
		Banana	4	4	Nil
		Molasses (gur)	0.05	0.05	Nil

Sl. No.	Species	Feed Item	Quantity		Day of Fasting
			Winter	Summer	
15	<b>Peacock</b>	Poultry Feed	0.2	0.2	Nil
		Gram	0.05	0.05	Nil
		Wheat	0.15	0.15	Nil
		Paddy	0.1	0.1	Nil
		Greenleaf of ( Stack)	0.1	0.1	Nil
16	<b>Lesser Adjutant Stork</b>	Chicken (Poultry)	0.2	0.2	Thursday
		Fish	0.3	0.3	Thursday
17	<b>Hawk</b>	Chicken (Poultry)	0.2	0.2	Thursday
18	<b>Vulture</b>	Chicken (Poultry)	0.5	0.5	Thursday
19	<b>Parakeet</b>	Gram	0.02	0.02	Nil
		Paddy	0.02	0.02	Nil
		Sunflower seed	0.03	0.03	Nil
		Ground nut	0.03	0.03	Nil
		Apple	0.04	0.04	Nil
		Guava (seasonal)	0.05	0.05	Nil
		Watermelon (seasonal)	0.05	0.05	Nil
Maize (seasonal)	0.06	0.06	Nil		
20	<b>Cocktails</b>	Gram	0.02	0.02	Nil
		Paddy	0.02	0.02	Nil
		Sunflower (chattu)	0.03	0.03	Nil
		Ground Nut	0.03	0.03	Nil
		Grass seed	0.03	0.03	Nil
21	<b>Hill Mayna</b>	Gram flour (Chattu)	0.1	0.1	Nil
22	<b>Kalijpheasant, Red jungle Foule</b>	Pulse (Dal)	0.05	0.05	Nil
		Wheat	0.075	0.075	Nil
		Gram flour ( chatting)	0.1	0.1	Nil
		Garlic	0.02	0.02	Nil
		Onion	0.05	0.05	Nil
		Mutton Heart	0.05	0.05	Nil
		Egg	1	1	Nil
		Greenleaf ( stack )	0.02	0.02	Nil
23	<b>Nilgai</b>	Cattle Feed	0.75	0.75	Nil
		Gram	0.3	0.3	Nil
		Rice Husk	0.05	0.05	Nil
		Carrot, ladyfinger, pumpkin, tomato	0.5	0.5	Nil
		Cucumber	0.4	0.4	Nil

Sl. No.	Species	Feed Item	Quantity		Day of Fasting
			Winter	Summer	
24	Elephant	Rice	1	1	Nil
		Cucumber	5	5	Nil
		Banana	6	6	Nil
		Carrot, Ladyfinger, Pumpkin, Tomato	5	5	Nil
		Salt	0.5	0.5	Nil
		Watermelon(Seasonal)	3	3	Nil
		Molasses(gur)	0.6	0.6	Nil
		Pulse (Dal)	0.5	0.5	Nil
		Turmeric Powder	0.02	0.02	Nil
25	Spectacled, Monocled cobra Russelviper, ine snake etc.	Rat / Frog	2	2	Nil
26	Startortoise, turtle	Carrot, Ladyfinger, Pumpkin, Tomato	0.03	0.03	Nil
		Greenleaf (Shak)	0.025	0.025	Nil
		Lotefish/Reo of Fish	0.02	0.02	Nil
27	Fineh/Munia/Badgerigar	Grass seed	0.03	0.03	Nil
28	Emu Bird	Poultry Feed	0.9	0.9	Nil
		Greenleaf (Shak)	0.25	0.25	Nil

#### 14. Vaccination Schedule of animals

Sl. No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1.	Indian Wolf	Anti-rabies	Raksharab 1ml	1year	-
2.	Monkey	Anti-rabies	Raksharab 1ml	1year	-
3.	Civet Cat	Anti-rabies	Raksharab 1ml	1year	-
4.	Languor	Anti-rabies	Raksharab 1ml	1year	-
5.	Leopard	Anti-rabies	Nobivac 1 ml	1year	-
6.	Jungle Cat	Anti-rabies	Nobivac 1 ml	1year	-
7.	Fishing Cat	Anti-rabies	Nobivac 1 ml	1year	-
8.	Hyena	Anti-rabies	Nobivac 1 ml	1year	-
9.	Hyena	Megavac-6	Nobivac-DHPPiL	1 year	-
10.	Indian Wolf	Megavac-6	Nobivac-DHPPiL	1 year	-

### 15. De-worming Schedule of animals:

Sl. No.	Species	Drug used	Month
1	Sloth Bear	Oxfenvet – 2200mg	Quarterly
2	Monkey/ Langour	Albandazole 400 mg	Quarterly
3	Hyena	Drontal Plus	Quarterly
4	Spotted Deer	Flukarid – DS	Quarterly
5	Python	Albomer	Quarterly
6	Jungle Cat	Drontal Plus	Quarterly
7	Lesser Adjutant Stork	Albomer	Quarterly
8	Peacock	Piperazine Liq.	Quarterly
9	Indian wolf	Drontal Plus	Quarterly
10	Parakeet	Piperazine Liq.	Quarterly
11	Hawk	Drontal Plus	Quarterly
12	Vulture	Drontal Plus	Quarterly
13	Porcupine	Albomer	Quarterly
14	Cocktail	Piperazine Liq.	Quarterly
15	Hill Mayna	Piperazine Liq.	Quarterly
16	Finch	Piperazine Liq.	Quarterly
17	Munia	Piperazine Liq.	Quarterly
18	Nilgai	Flukarid –DS	Quarterly
19	Emu Bird	Albomer	Quarterly
20	Fishing Cat	Bandystar Plus	Quarterly
21	Kalijpheasant	Piperazine Liq.	Quarterly
22	Red Jungle Fowl	Piperazine Liq.	Quarterly
23	Civet Cat	Panacure 150mg	Quarterly
24	Wild Elephant	Oxfenvet 2200mg	Quarterly
25	Barking Deer	Flukarid - DS	Quarterly
26	Monitor Lizard	Albomer	Quarterly
27	Star Tortoise, Spotted pond turtle, Hill turtle	Piperazine Liq.	Quarterly
28	Spectacle Cobra, Monocle Cobra, Russell viper	Albomer	Quarterly
29	Leopard	Drontal Plus	Quarterly
30	Sambar Deer	Refoben Bolus	Quarterly

**16. Disinfection Schedule: Nil**

Sl.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
-	-	-	-	-

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

Sl.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1.	Chanchal Dutta	Veterinary Officer	3 days in a Month	-
2.	Sulata Mandal	Veterinary Officer	3 days in a Month	-

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

Sl. No.	Works	Unit	Amount	Progress of work till date
1.	Construction of Reptile House	1	44,50,460	Completed
2.	Construction of Indian wolf Enclosure with Kraal & Night Shelter and Construction of Toilet for Visitors	1+1+1	28,91,321	Completed
3.	Construction of Barrack for Zoo Keepers and Construction Zoo Supervisor quarter	1+1	27,76,360	Completed
4.	Construction of Flying Birds Aviary unit & Peasantry -3 units	1+1+1+1	32,26,218	Completed
5.	Construction of Boundary Fencing	1	4,90,000	Completed
6.	Supply and fitting & fixing of Murals for Nature Interpretation Centre	1	2,95,000	Completed
7.	Construction of Slab Culvert "1"	1	4,66,600	Completed
8.	Construction of Slab Culvert "2"	1	2,86,800	Completed
9.	Construction of Standoff Barrier (398m )	1	11,38,650	50% Complete
10.	Supply and fitting fixing of Terracotta Designer Tiles for Nature Interpretation Centre	1	2,72,047	70% Complete
11.	Construction of Quarantine Enclosure for Hyena	1	17,40,678	Work will be start

**19. Education and Awareness programmes during the year: None****20. Important Events and happenings:**

1. Observed world environment day by cleaning zoo premises.
2. Observed Banmahotsav by planting 400 fruit tree seedlings

**21. Seasonal special arrangements for upkeep of animals:** Straw shades are made for all animals in the summer season, and water melon is provided to elephants and birds. In winter season jute bags and straws were distributed in the reptile's enclosures to keep warm.

22. **Research Work carried out and publications: None**

23. **Conservation Breeding Programme of the Zoo: None**

24. **Animal acquisition / transfer / exchange during the year**

<b>A. Animals arriving in the Zoo</b>					
<b>SL No</b>	<b>H.NO.</b>	<b>Species</b>	<b>Number (M: F)</b>	<b>From which Zoo</b>	<b>Date of arrival in the zoo</b>
1	Waybill – Page 16	Black Wing Kite	U/D(1)	From Pirakata Range, Medinipur Division	10/04/2019
2	101502/1016	Pangolin	U/D(1)	From RO Hijli, Kharagpur Division	22/05/2019
3.	WB101503/11016	Monocled Cobra	U/D(3)	From RO Hijli, Kharagpur Division	31/05/2019
4	WB101503/11016	Spectacled Cobra	U/D(1)	From RO Hijli, Kharagpur Division	31/05/2019
5	WB/185521/1856	Common Leopard	0:1	RO Eco Tourism & Research Range, Madarihat, Jaldapara	07/09/2019
6	Waybill – 49	Asian Elephant	0:1	Chandra Range, Midnapure Division	10/10/2019
7	Waybill – 50	Civet Cat	0:1	Chandra Range, Midnapure Division	16/11/2019
8	WB1015531/1016	Fishing Cat	1:0	From RO Hijli, Kharagpur Division.	12/12/2019
9	Waybill – 2065/KGP/SF/21	Civet Cat	1:1	Ghatal Range, Kharagpur Division	21/12/2019
10	Waybill – 51	Languor	1:0	Chandra Range, Midnapure Division	08/01/2020
11	Order No – 1063/S.O. 23(C)/GEN/A- EX(MISC)PNHZP /19-20	Red Jungle Fowl	1:1	PNHZP, Darjeeling	22/01/2020
12	NIL	Asian Elephant	1:0	Gidhni Range, Jhargram Division	28/01/2020
13	1133/S.O.	Barking Deer	2:8	PNHZP, Darjeeling	04/02/2020
14	23(C)/GEN/A-	Silver Pheasant	1:1		
15	EX(MISC)PNHZP	Golden Pheasant	1:1		
16	/19-20	Red Jungle Fowl	1:0		
17	WB081318/0814	Fishing Cat	1:0	Egra Range, Purba Medinipur Division	15/02/2020

<b>B</b>	<b>Animals going from the zoo</b>				
	<b>H.NO.</b>	<b>Species</b>	<b>Number (M:F)</b>	<b>Going to which Zoo</b>	<b>Date of deposition from the zoo</b>
1.	DFO Order No – 1803/26	Asian Elephant(Calf)	1:0	Dhupjora Camp, Garumara Wildlife Division	05/09/2019
2.	DFO Order No – 3811/28	Asian Elephant	1:0	Rescue Centre at Holong, Jaldapara National Park	01/02/2020

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

<b>Sl. No.</b>	<b>Date of Rescue</b>	<b>Species with number of animals rescued with their sex (M: F:U:T)</b>	<b>Received from</b>	<b>Date of Submission of Report to the CWLW / CZA</b>	<b>Action taken</b>	
					<b>Date and Place of rehabilitation in their habitat</b>	<b>Reasons for housing in the zoo, if not released in their habitat</b>
1.	21/04/2019	Black Wing Kite U/D (1)	Pirakata Range	-	21/04/2019, Jungle Mahal Zoological Park	-
2.	06/06/2019	Monocled Cobra U/D (3)	From RO Hijli, Kharagpur Division	-	06/06/2019, Rakhageria Forest, Jhargram Range	-
3.	06/06/2019	Spectacled Cobra U/D (1)	From RO Hijli, Kharagpur Division	-	06/06/2019, Rakhageria Forest, Jhargram Range	-
4.	17/09/2019	Pangolin U/D (1)	From RO Hijli, Kharagpur Division	-	17/09/2019, Jungle Mahal Zoological Park	-

## 26. Annual Inventory of animals

Form – II

[See Rule 11(1)]

Part – A

Inventory Report for the Year 2019-20

**Endangered Species\***

Sl. No.	Animal Name	Scientific Name	Opening Stock As on 01.04.2019				Birth			Acquisition			Disposal			Death			Closing Stock as on 31.03.2020			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
<b>Birds</b>																						
1.	Hawk	<i>Buteo jamaicensis</i> (Gmelin 1788)		1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
2.	Hill Myna	<i>Gracula religiosa</i> (Linnaeus, 1758)			1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		1	1
3.	Hornbill Lesser Pied	<i>Anthracoceros malabaricus</i> (Boddaert, 1783)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.	Peafowl	<i>Pavo cristatus</i> (Linnaeus, 1758)	4	1	-	5	-	-	-	-	-	-	-	-	1	-	-	-	3	1	-	4
5.	Pheasant Nepali Kalij	<i>Lophura leucomelana</i> (Latham, 1790)	1	1	-	2	2	1	-	-	-	-	-	-	2	1	-	-	1	1	-	2
6.	Vulture White Rumped	<i>Gypes bengalensis</i> (Gmelin 1788)	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
<b>Total</b>			<b>5</b>	<b>3</b>	<b>3</b>	<b>11</b>	<b>2</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>10</b>
<b>Mammal</b>			<b>M</b>	<b>F</b>	<b>U</b>	<b>T</b>	<b>M</b>	<b>F</b>	<b>U</b>	<b>M</b>	<b>F</b>	<b>U</b>	<b>M</b>	<b>F</b>	<b>U</b>	<b>M</b>	<b>F</b>	<b>U</b>	<b>M</b>	<b>F</b>	<b>U</b>	<b>T</b>
1.	Bear Sloth	<i>Melursus ursinus</i> (Shaw, 1791)	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	3
2.	Cat Fishing	<i>Prionailurus viverrinus</i> (Bennett, 1833)	1	-	-	1	-	-	-	2	-	-	-	-	-	-	-	-	3	-	-	3
3.	Cat Jungle	<i>Felis Chaus</i> Schreber, 1777	5	1	-	6	-	-	-	-	-	-	-	-	-	-	-	-	5	1	-	6
4.	Civet Asian Palm/ Common Palm Civet	<i>Paradoxurus hermaphrodites</i> (Pallas, 1777)	1	-	-	1	-	-	-	1	1	-	-	-	-	-	-	-	2	1	-	3
5.	Elephant Indian	<i>Elephas maximus</i> Linnaeus, 1758	1	-	-	1	-	-	-	-	1	-	1	-	-	1	-	-	-	-	-	-
6.	Fox Jungle/ Indian Fox	<i>Vulpes bengalensis</i> , (Shaw, 1800)	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
7.	Jackal Golden	<i>Canis aureus</i> Linnaeus, 1758	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.	Languor Common	<i>Semnopithecus entellus</i> Dufresne, 1797	1	1	-	2	1	-	-	-	-	-	-	-	-	-	-	-	2	1	-	3
9.	Macaque Rhesus	<i>Macaca mullata</i> (Zimmermann, 1780)	4	3	-	7	-	-	-	-	-	-	-	-	-	-	-	-	4	3	-	7
10.	Pangolin Indian	<i>Manis crassicaudata</i> E.Geoffroy,1803	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.	Porcupine Brush Tailed / Bengal/Indian crested	<i>Hystrix indica</i> Kerr, 1792	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
12.	Wolf Indian	<i>Canis lupus pallipes</i>	4	6	-	10	-	-	-	-	-	-	-	-	2	3	-	-	2	3	-	5
13.	Leopard	<i>Pantherapardus</i>	1	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	1	1	-	2
14.	Sambar Deer	<i>Cervus unicolor</i>	3	2	-	5	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	5
<b>Total</b>			<b>22</b>	<b>16</b>	<b>3</b>	<b>41</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>3</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>4</b>	<b>-</b>	<b>23</b>	<b>15</b>	<b>3</b>	<b>41</b>

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



Sl. No.	Animal Name	Scientific Name	Opening Stock As on 01.04.2019				Birth			Acquisition			Disposal			Death			Closing Stock as on 31.03.2020				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
<b>Reptile</b>																							
1.	Crocodile Marsh	<i>Crocodilus palustris</i> Lesson, 1831	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.	Cobra Indian/Monocellate	<i>Naja naja kaouthia</i> Lesson, 1831	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
3.	Cobra Indian/Spectacled Cobra	<i>Naja naja</i> (Linnaeus, 1758)	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4
4.	Turtle Indian Soft Shell	<i>Lissemys punctata punctata</i> (Lacepede,1788)	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
5.	Monitor Lizard	<i>Varanus bengalensis</i> (Daudin, 1802)	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
6.	Python Indian	<i>Python molorus</i> (Linnaeus, 1758)	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
7.	Viper Russel's	<i>Daboia russelii</i> (Shaw & Nodder, 1797)	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
8.	Turtle Spotted Pond	<i>Geoclemys hamiltonii</i> (Gray, 1831)	-	-	34	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	34
9.	Tricarinate Hill Turtle	<i>Melanochelys tricarinata</i> (Blyth, 1856)	-	-	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	30
<b>Total</b>			-	-	<b>7</b>	<b>7</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>7</b>	<b>77</b>
					<b>7</b>	<b>7</b>																<b>7</b>	

#### Exotic Species:

Sl. No.	Animal Name	Scientific Name	Opening Stock As on 01.04.2019				Birth			Acquisition			Disposal			Death			Closing Stock as on 31.03.2020				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
<b>Birds</b>																							
1.	Cockatiel	<i>Nymphicus Hallandicus</i> (Drr 1792)	-	-	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15
2.	Finches	<i>Taeniopygia guttata</i> (Reichenbach 1862)	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
3.	Paraket Exotic	<i>Myiopsitta Monachus</i> (Boddaert 1783)	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
4.	Pheasant Golden	<i>Chrysolophus pictus</i> (Linnaeus 1758)	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	1	1	-	-	-
<b>Total</b>			-	-	<b>1</b>	<b>1</b>	-	-	-	<b>1</b>	<b>1</b>	-	-	-	-	-	-	-	<b>1</b>	<b>1</b>	-	<b>1</b>	<b>19</b>
					<b>9</b>	<b>9</b>				<b>1</b>	<b>1</b>								<b>1</b>	<b>1</b>		<b>9</b>	

## Other than Endangered Species

Sl. No.	Animal Name	Scientific Name	Opening Stock As on 01.04.2019				Birth			Acquisition			Disposal			Death			Closing Stock as on 31.03.2020			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
<b>Birds</b>																						
1.	Fowl Jungle Red	<i>Glauc glaus (Linnaeus 1758)</i>	-	1	-	1	-	-	-	2	1	-	-	-	-	1	1	-	1	1	-	2
2.	Munia Black Headed	<i>Lonchura malaca (Linnaeus 1766)</i>	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
3.	Munia Spotted	<i>Lonchura punctulata (Linnaeus 1758)</i>	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
4.	Paraket Large Indian/ Alexandrine Paraket	<i>Psittacula eupatria (Linnaeus 1766)</i>	-	-	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7
5.	Paraket Red Breasted	<i>Psittacula alexandri (Linnaeus 1758)</i>	-	-	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6
6.	Paraket Rose Ring	<i>Psittacula krameri (Scopoli 1769)</i>	-	-	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10
7.	Strok adjutant	<i>Leptoptilos javanicu (Horsfeild 1821)</i>	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1
8.	Emu	<i>Dromaiusnova chollandiac</i>	-	-	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7
<b>Total</b>			-	<b>1</b>	<b>36</b>	<b>37</b>	-	-	-	<b>2</b>	<b>1</b>	-	-	-	-	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>35</b>	<b>37</b>
<b>Mammal</b>			<b>M</b>	<b>F</b>	<b>U</b>	<b>T</b>	<b>M</b>	<b>F</b>	<b>U</b>	<b>M</b>	<b>F</b>	<b>U</b>	<b>M</b>	<b>F</b>	<b>U</b>	<b>M</b>	<b>F</b>	<b>U</b>	<b>M</b>	<b>F</b>	<b>U</b>	<b>T</b>
9.	Deer Barking	<i>Muntiacus muntjse (Zimmermann1780)</i>	7	6	-	13	1	4	-	2	8	-	-	-	-	4	1	-	6	17	-	23
10.	Deer Spotted/ chital	<i>Axis axis (Erleben1777)</i>	18	49	42	109	3	1	-	-	-	-	-	-	-	5	9	-	16	41	42	99
11.	Hyna Striped	<i>Hyaena hyaena (Linnaeus 1758)</i>	1	2	-	3	1	1	-	-	-	-	-	-	-	-	1	-	2	2	-	4
12.	Nilgai/ Blue Bull	<i>Boselaphus tragucamelus (Pallas 1766)</i>	6	15	-	21	3	3	-	-	-	-	-	-	-	1	-	-	8	18	-	26
<b>Total</b>			<b>32</b>	<b>72</b>	<b>42</b>	<b>146</b>	<b>8</b>	<b>9</b>	-	<b>2</b>	<b>8</b>	-	-	-	-	<b>10</b>	<b>11</b>	-	<b>32</b>	<b>78</b>	<b>42</b>	<b>152</b>
<b>Reptile</b>			<b>M</b>	<b>F</b>	<b>U</b>	<b>T</b>	<b>M</b>	<b>F</b>	<b>U</b>	<b>M</b>	<b>F</b>	<b>U</b>	<b>M</b>	<b>F</b>	<b>U</b>	<b>M</b>	<b>F</b>	<b>U</b>	<b>M</b>	<b>F</b>	<b>U</b>	<b>T</b>
13.	Tortoise Indian Star	<i>Geochelone elegans (Schoeph 1801)</i>	-	-	64	64	-	-	-	-	-	-	-	-	-	-	-	5	-	-	59	59
14.	Ornate Flying snake	<i>Chrysopelea ornata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15.	Vine snake	<i>Ahaetullan nasuta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>			-	-	<b>64</b>	<b>64</b>	-	-	-	-	-	-	-	-	-	-	-	<b>5</b>	-	-	<b>59</b>	<b>59</b>

## 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	Barking Deer	<i>Muntiacus muntjak</i> (Zimmermann1780)	Male	01/04/2019	Died due to Pneumonia
2	Spotted Deer	<i>Axis axis</i> (Erleben1777)	Female	03/04/2013	Shock resulting from septicaemia
3	Lasser Adjutant Stroke	<i>Leptoptilos javanicu</i> (Horsfeild 1821)	U/D	05/04/2019	Died due to cardiac failure
4	Barking Deer	<i>Muntiacus muntjak</i> (Zimmermann1780)	Male	07/04/2019	Died due Hypovolumic Shock resulting from infighting
5	Indian Wolf	<i>Canis lupus pallipes</i>	Female	13/04/2019	Hypovolumic Shock
6	Indian Wolf	<i>Canis lupus pallipes</i>	Female	14/04/2019	Hypovolumic Shock
7	Indian Wolf	<i>Canis lupus pallipes</i>	Female	17/04/2019	Hypovolumic Shock resulting from enteritis
8	Indian Wolf	<i>Canis lupus pallipes</i>	Male	18/04/2019	Hypovolumic Shock resulting from enteritis
9	Indian Wolf	<i>Canis lupus pallipes</i>	Female	18/04/2019	Hypovolumic Shock resulting from enteritis
10	Spotted Deer	<i>Axis axis</i> (Erleben1777)	Male	06/05/2019	Cardio respiratory failure owing from tuberculosis
11	Spotted Deer	<i>Axis axis</i> (Erleben1777)	Male	31/05/2019	Hypovolumic Shock resulting from infighting
12	Spotted Deer	<i>Axis axis</i> (Erleben1777)	Female	05/06/2019	Cardio Respiratory failure
13	Red Jungle Fowl	<i>Glaus glaus</i> (Linnaeus 1758)	Female	11/06/2019	Cardiac arrest owing from serelity
14	Spotted Deer	<i>Axis axis</i> (Erleben1777)	Female	24/07/2019	Cardio Respiratory failure owing from Tuberculosis
15	Nilgai	<i>Boselaphus tragucamelus</i> (Pallas 1766)	Male	27/08/2019	Internal Haemorrhage owing from infighting
16	Spotted Deer	<i>Axis axis</i> (Erleben1777)	Female	10/09/2019	Cardio Respiratory failure owing from Tuberculosis
17	Spotted Deer	<i>Axis axis</i> (Erleben1777)	Female	03/10/2019	Cardio Respiratory failure owing from Tuberculosis
18	Spotted Deer	<i>Axis axis</i> (Erleben1777)	Male	21/11/2019	Cardio Respiratory failure owing from excessive bloat

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
19	Civet Cat	<i>Paradoxurus hermaphrodites</i> (Pallas, 1777)	Female	22/11/2019	Shock owing from internal haemorrhage resulting from mechanical trauma
20	Spotted Deer	<i>Axis axis</i> (Erxleben1777)	Male	30/11/2019	Cardio Respiratory failure owing from excessive bloat
21	Elephant calf	<i>Elephas maximus</i> Linnaeus, 1758	Female	09/12/2019	Cardio respiratory failure resulting from hypovolumic shock
22	Kalij Pheasant	<i>Lophura leucomelana</i> (Latham, 1790)	Male	11/12/2019	Cardiac failure due to hypovolumic shock
23	Kalij Pheasant	<i>Lophura leucomelana</i> (Latham, 1790)	Male	11/12/2019	Cardiac failure due to hypovolumic shock
24	Spotted Deer	<i>Axis axis</i> (Erxleben1777)	Female	02/01/2020	Cardio Respiratory failure owing from excessive bloat
25	Spotted Deer	<i>Axis axis</i> (Erxleben1777)	Male	18/01/2020	Cardio respiratory failure resulting from serelity
26	Spotted Deer	<i>Axis axis</i> (Erxleben1777)	Female	27/01/2020	Cardio Respiratory failure owing from excessive bloat
27	Red Jungle Fowl	<i>Glaux glaus</i> (Linnaeus 1758)	Male	31/01/2020	Hypovolumic Shock resulting from stress
28	Star Tortoise	<i>Geochelone elegans</i> (Schoeph 1801)	U/D	01/02/2020	Cardio respiratory failure resulting from Pneumonia
29	Star Tortoise	<i>Geochelone elegans</i> (Schoeph 1801)	U/D	01/02/2020	Cardio respiratory failure resulting from Pneumonia
30	Star Tortoise	<i>Geochelone elegans</i> (Schoeph 1801)	U/D	01/02/2020	Cardio respiratory failure resulting from Pneumonia
31	Star Tortoise	<i>Geochelone elegans</i> (Schoeph 1801)	U/D	01/02/2020	Cardio respiratory failure resulting from Pneumonia
32	Star Tortoise	<i>Geochelone elegans</i> (Schoeph 1801)	U/D	01/02/2020	Cardio respiratory failure resulting from Pneumonia
33	Kalij Pheasant	<i>Lophura leucomelana</i> (Latham, 1790)	Female	04/02/2020	Shock resulting from infighting
34	Indian Peacock	<i>Pavo cristatus</i> (Linnaeus, 1758)	Male	05/02/2020	Due to cardiac arrest
35	Spotted Deer	<i>Axis axis</i> (Erxleben1777)	Female	23/02/2020	Cardio respiratory failure owing from tuberculosis
36	Hyena	<i>Hyaena hyaena</i> (Linnaeus 1758)	Female	23/02/2020	Died due to shock owing from distocia

37	Barking Deer	<i>Muntiacus muntjak</i> (Zimmermann1780)	Male	29/02/2020	Cronic decaying disease
38	Barking Deer	<i>Muntiacus muntjak</i> (Zimmermann1780)	Female	01/03/2020	Hypovolumic Shock resulting from infighting
39	Barking Deer	<i>Muntiacus muntjak</i> (Zimmermann1780)	Male	15/03/2020	Hypovolumic Shock resulting from infighting
40	Spotted Deer	<i>Axis axis</i> (Erxleben1777)	Female	20/03/2020	Cardio respiratory failure owing from tuberculosis

**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
-	-	-	-	-	-

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

- a. Mammals : Bat.
- b. Birds : Parakeet, Peasant, Hawk.
- c. Reptiles : Spectacle Cobra, Monocle Cobra, Rat snake, Russell Viper.

**30. Security plan :**

- a. Watch Tower : 5 nos.
- b. Camp : 6 nos.
- c. CC TV : Main Gate and every specified area.
- d. Rotation of Security persons.

**31. Works to be done:**

- a. NIC Building.
- b. Standoff Barrier for different enclosure, Quarantine Enclosure for Hyena.

  
 Ex-Officio Director Junglemahal Zoological Park  
 &  
 Divisional Forest Officer Jhargram Division