

# Junglemahal Zoological Park Jhargram Division

Annual Report for the year  
2018-19

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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, etc are completed as per the guidelines of CZA. A new Administrative Building, Veterinary Hospital, Nature Interpretation Centre and Kitchen-cum-store are also constructed. In 2018-19, 1,58,235 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>dmujhargram@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>131066</b>
		Children : <b>27169</b>
		Total Indian: <b>158235</b>
		Total Foreigners: Nil
		Total Visitors: <b>158235</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	<b>Vacant</b>

S.No.	Particulars	Information
	Name of the Curator	Vacant
	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.

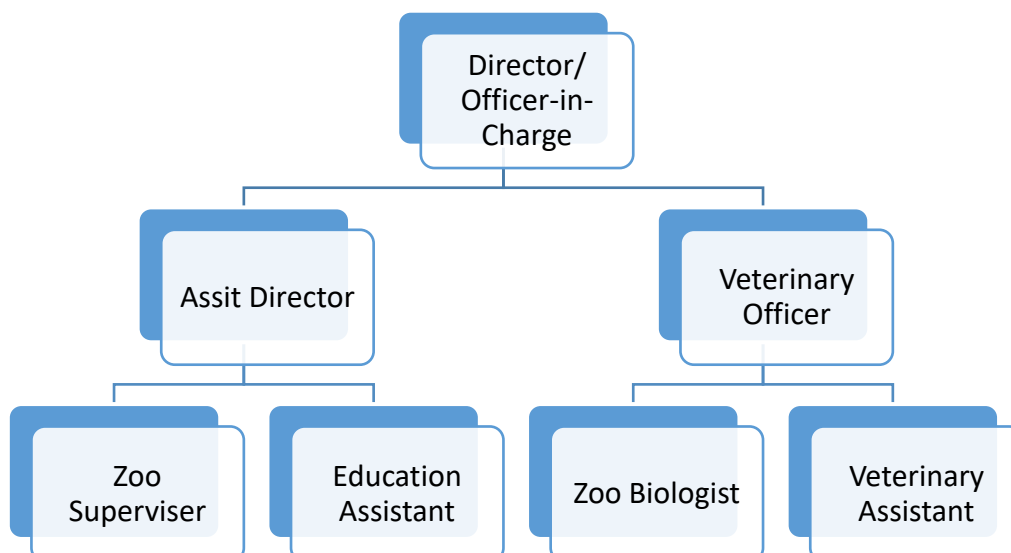
*“Zoo Operator” means the person who has ultimate control over the affairs of the zoos provided that \_\_\_\_\_*

*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.	Veterinary assistant	1	1
c.	Ticket Collector	1	1
d.	Security	12	5
e.	Zoo Keeper	8	2
f.	Sanitation	6	2
g.	Garden	6	2
h.	Attendant	7	-
i.	Animal Attendants	8	3
<b>Total</b>		<b>42</b>	<b>17</b>
<b>Grand Total</b>		<b>65</b>	<b>18</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	Technique of capturing of Deer and other animals	28 <sup>th</sup> and 29 <sup>th</sup> March 2019	Zoological Garden Alipore, Kolkata
2.	Badal Ari			

10. **Zoo Advisory Committee –**

- Date of constitution: Not constituted
- Members: NA
- 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 Chetterjee, 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: 25<sup>th</sup> & 26<sup>th</sup> July 2018.

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

**Probational Income & Expenditure for the year of 2018-19**

SL No.	Income	Amount Rs.	Expenditure	Amount Rs.
1.	Opening Balance (Balance Carry forward from 2017-18)	1,06,65,275.84	Expenditure during the Year 2018-19	2,12,41,955.67
2.	Fund received during the year 2018-19	1,80,50,394.00		
	Total	<b>2,87,15,669.84</b>	Total	<b>2,12,41,955.67</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
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



Sl No.	Species	Feed Item	Quantity		Day of Fasting
			Winter	Summer	
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	Chickn (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/Langur	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
		Turmeic powder	0.01	0.01	Nil
		Banana	4	4	Nil
		Molasses (gur)	0.05	0.05	Nil
15	Peacock	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
		Greenle of ( Snak)	0.1	0.1	Nil
16	Lesseer Adjutant Stork	Chicken (Poultry)	0.2	0.2	Thursday
		Fish	0.3	0.3	Thursday

SI No.	Species	Feed Item	Quantity		Day of Fasting
			Winter	Summer	
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
		Sunlower seed	0.03	0.03	Nil
		Gound not	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>Cockatails</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
		Gramflour ( chatting0	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 ( stak0	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
24	<b>Elephant</b>	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(Sesonal)	3	3	Nil
		Molasses(gur)	0.6	0.6	Nil
		Pulse (Dal)	0.5	0.5	Nil
		Turmeric Powder	0.02	0.02	Nil

Sl No.	Species	Feed Item	Quantity		Day of Fasting
			Winter	Summer	
25	Spectacled, Monocled cobra Russelvipiper, ine snake etc.	Rat / Frog	2	2	Nil
26	Startortoise, turtle	Carrot,ladysfinger,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.	Cibet 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	Megavac-6	1year	-

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

Sl. No.	Species	Drug used	Month
1	Sloth Bear	Panacar 1.5gm	Quarterly
2	Monkey/ Langour	Albandazole 400 mg	Quarterly
3	Hyena	Drontaltlus	Quarterly
4	Spotted Deer	Flukarides	Quarterly
5	Python	Albumar	Quarterly
6	Jungle Cat	Drontaltlus	Quarterly
7	Lesseer Adjutant Stork	Albumar	Quarterly
8	Peacock	Albumar	Quarterly
9	Indian wolf	Drontaltlus	Quarterly
10	Parakeet	Piperazine	Quarterly
11	Hawk	Piperazine	Quarterly
12	Vulture	Albumar	Quarterly
13	Porcupine	Albumar	Quarterly

Sl. No	Species	Drug used	Month
14	Cocktail	Piperazine	Quarterly
15	Hill Mayna	Piperazine	Quarterly
16	Finch	Piperazine	Quarterly
17	Munia	Piperazine	Quarterly
18	Nilgai	Flukarides	Quarterly
19	Emu Bird	Albumar	Quarterly
20	Fishing Cat	Drontaltlus	Quarterly
21	Kalijpheasant	Piperazine	Quarterly
22	Red Jungle Fowl	Piperazine	Quarterly
23	Civet Cat	Albumar	Quarterly
24	Wild Elephant	Panacar 1.5gm	Quarterly
25	Barking Deer	Flukarides	Quarterly
26	Crocodile	Panacar 1.5gm	Quarterly
27	Monitor Lizard	Albumar	Quarterly
28	Star Tortoise, Spotted pond turtle, Hill turtle	Piperazine	Quarterly
29	Spectacle Cobra, Monocle Cobra, Russell viper	Albumar	Quarterly
30	Leopard	Drontaltlus	Quarterly
31	Sambar Deer	Refoben	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 NIC/Reception & Kitchen Store	1	63,70,927	Completed
2.	Construction of Stand of Barrier (Bamboo) for Leopard Enclosure for for 90 mtr.	1	3,36,330	Completed
3.	Construction of Box Culvert & Main Gate near Administrative Building	1	3,33,100	Completed
4.	Construction of Drain at outside of Leopard Cage	1	3,65,881	Completed
5.	Construction of Reptile House	1	44,50,460	90 % complete
6.	Construction of Indian wolf Enclosure with Kraal & Night Shelter and Construction of Toilet for Visitors	1+1+1	28,91,321	95% complete
7.	Construction of Barrack for Zoo Keepers and Construction Zoo Supervisor quarter	1+1	27,76,360	90% complete
8.	Tortoise Enclosure	1	70,000	Completed
9.	Construction of Security Room, Meter Connection and electrification	1+1	276,720	Completed
10.	Drainage, Protection Wall of Langur & Monkey enclosure & Rescue Centre	1	1,23,18,542	Completed
11.	Construction of Flying Birds Aviary unit & Peasantry -3 units	1+1+1+1	32,26,218	80% completed
12.	Concrete benches for visitors	16	1,92,000	Completed

**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 250 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>					
SL No	H.NO.	Species	Number (M: F)	From which Zoo	Date of arrival in the zoo
1	WB/101236/1013	Water Monitor Lizard	0:0	Range office Hijli Kharagpur Division	11/05/2018

SL No	H.NO.	Species	Number (M: F)	From which Zoo	Date of arrival in the zoo
2	A3801/39	Nilgai	0:1	Surulia Mini Zoo Kangsabati North Division, Purulia	23/05/2018
3.	195-ZGA/18-19	Assamese Macaque	4:4	Zoological Garden, Alipore, Kolkata	28/06/2018
4		Bonnet Macaque	3:0	Zoological Garden, Alipore, Kolkata	28/06/2018
5		Common Langur	3:0	Zoological Garden, Alipore, Kolkata	28/06/2018
6	-	Peacock	0:1	Bhulaveda Range, Jhargram Division.	10/07/2018
7	-	Bengal Fox	1:0	Lodhasuli Range Jhargram Division	26/12/2018
8	-	Indian Wolf	1:0	Lodhasuli Range, Jhargram Division	14/02/2019
9	-	Lesser Adjutant Stork	undetected	Pirakata Range , MEdinipur Division	25/02/2019

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
1.	04/11/2018	Rhesus Macaque (1: 0 : 0 : 1)	Alipore Zoo	-	04/11/2018 At Bhulaveda Range area	-
2.	04/11/2018	Rhesus Macaque (0: 2 : 0 :2)		-	04/11/2018 At Bhulaveda Range area	-
3.	04/11/2018	Langour (3:0:0:3)		-	04/11/2018 At Bhulaveda Range area	-
4.	01/04/2015	Ornate plying Snake (0:0:2:2)	Bishnupur Range, Panchet Division	-	05/12/2018 At Rakhageria Jungle	-
5.	01/04/2015	Vine snake (0:0:2:2)		-	05/12/2018 At Rakhageria Jungle	-

## 26. Annual Inventory of animals

Form – II

[See Rule 11(1)]

Part – A

Inventory Report for the Year 2018-19:

## Endangered Species\*

Sl. No.	Animal Name	Scientific Name	Opening Stock As on 01.04.2018				Birth			Acquisition			Disposal			Death			Closing Stock as on 31.03.2019				
			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)	5	-	-	5	-	-	-	-	1	-	-	-	-	-	-	1	-	-	4	1	5
5.	Pheasant Nepali Kalij	<i>Lophura leucomelana</i> (Latham, 1790)	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
6.	Vulture White Rumped	<i>Gypes bengalensis</i> (Gmelin 1788)	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
<b>Total</b>			<b>6</b>	<b>2</b>	<b>3</b>	<b>11</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>5</b>	<b>3</b>	<b>11</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	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
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	-	2	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	1
5.	Elephant Indian	<i>Elephas maximus</i> Linnaeus, 1758	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
6.	Fox Jungle/ Indian Fox	<i>Vulpes bengalensis</i> , (Shaw, 1800)	-	-	-	-	-	-	-	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	1	-	2
9.	Macaque Rhesus	<i>Macaca mullata</i> (Zimmermann, 1780)	1	2	-	3	-	-	-	3	1	-	-	-	-	-	-	-	-	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>	2	3	-	5	2	3	-	-	-	-	-	-	-	-	-	-	-	4	6	-	10
13.	Leopard	<i>Pantherapardus</i>	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
14.	Sambar Deer	<i>Cervus unicolor</i>	2	2	-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	5
<b>Total</b>			<b>15</b>	<b>13</b>	<b>3</b>	<b>31</b>	<b>3</b>	<b>3</b>	<b>-</b>	<b>4</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>22</b>	<b>16</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 01.04.2018				Birth			Acquisition			Disposal			Death			Closing Stock as on 31.03.2019			
			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	-	1	1	2	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	
2.	Cobra Indian/Monocellate	<i>Naja naja kaouthia</i> Lesson, 1831	-	-	3	3	-	-	-	-	-	-	-	-	-	-	1	-	-	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)	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-	2	2	
6.	Python Indian	<i>Python molorus</i> (Linnaeus, 1758)	-	-	5	5	-	-	-	-	-	-	-	-	-	-	4	-	-	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>1</b>	<b>8</b>	<b>8</b>	-	-	-	-	-	<b>1</b>	-	-	-	-	<b>1</b>	<b>6</b>	-	-	<b>7</b>	<b>77</b>
					<b>2</b>	<b>3</b>														<b>7</b>	<b>7</b>	

### Exotic Species:

Sl. No.	Animal Name	Scientific Name	Opening Stock As on 01.04.2018				Birth			Acquisition			Disposal			Death			Closing Stock as on 31.03.2019			
			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)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total</b>			-	-	<b>1</b>	<b>1</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>1</b>	<b>19</b>	
					<b>9</b>	<b>9</b>														<b>9</b>	<b>19</b>	



## Part – B

## Other than Endangered Species

Sl. No.	Animal Name	Scientific Name	Opening Stock As on 01.04.2018				Birth			Acquisition			Disposal			Death			Closing Stock as on 31.03.2019				
			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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
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>	-	-	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	2	2
8.	Emu	<i>Dromaiusnova chollandiac</i>	-	-	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7
<b>Total</b>			-	1	35	36	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	36	37
<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>	5	4	-	9	2	2	-	-	-	-	-	-	-	-	-	-	7	6	-	13	
10.	Deer Spotted/ chital	<i>Axis axis (Erxleben1777)</i>	22	58	42	122	2	-	-	-	-	-	-	-	6	9	-	18	49	42	109		
11.	Hyna Striped	<i>Hyaena hyaena (Linnaeus 1758)</i>	1	1	-	2	-	1	-	-	-	-	-	-	-	-	-	1	2	-	3		
12.	Nilgai/ Blue Bull	<i>Boselaphus tragucamelus (Pallas 1766)</i>	4	16	-	20	3	2	-	-	1	-	-	-	1	4	-	6	15	-	21		
<b>Total</b>			<b>32</b>	<b>79</b>	<b>42</b>	<b>153</b>	<b>7</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7</b>	<b>13</b>	<b>-</b>	<b>32</b>	<b>72</b>	<b>42</b>	<b>146</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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64	64	
14.	Ornate Flying snake	<i>Chrysopelea ornata</i>	-	-	2	2	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	
15.	Vine snake	<i>Ahaetullan nasuta</i>	-	-	2	2	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	
<b>Total</b>			<b>-</b>	<b>-</b>	<b>68</b>	<b>68</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>64</b>	<b>64</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	Spotted Deer	Axis axis (Erxleben1777)	Female	06/04/2018	Acute renal failure
2	Civet cat	Paradoxurus hermaphrodites (Pallas, 1777)	Female	17/04/2018	Shock resulting to septicaemia
3	Nilgai	Boselaphustragucamelu s (Pallas 1766)	Female	11/06/2018	Due to septicaemia
4	Languor	Semnopithecus entellus Dufresne, 1797	Female	11/06/2018	Heart Failure
5	Spotted Deer	Axis axis (Erxleben1777)	Male	27/06/2018	Acute renal failure
6	Monocellate Cobra	Naja naja kaouthia Lesson, 1831	U/D	11/07/2018	Cardio respirator
7	Spotted Deer	Axis axis (Erxleben1777)	Female	23/07/2018	Acute renal failure
8	Spotted Deer	Axis axis (Erxleben1777)	Male	27/07/2018	Acute renal failure
9	Bonnet Macaque	Macaca radiata	Male	11/09/2018	Cardiac failure
10	Fresh water crocodile	Crocodylus johnsoni	Female	16/09/2018	Septicaemia
11	Fresh water crocodile	Crocodylus johnsoni	Male	20/09/2018	Cardiac failure
12	Spotted Deer	Axis axis (Erxleben1777)	Female	29/09/2018	Acute renal Failure
13	Monkey	Cercopithecidae	Female	04/10/2018	Cardiovascular Failure
14	Spotted Deer	Axis axis (Erxleben1777)	Female	08/10/2018	Acute renal Failure
15	Spotted Deer	Axis axis (Erxleben1777)	Female	12/10/2018	Septicaemia
16	Nilgai	Boselaphustragucamelu s (Pallas 1766)	Female	15/10/2018	Cardiac Failure
17	Nilgai	Boselaphustragucamelu s (Pallas 1766)	Female	20/10/2018	Septicaemia
18	Spotted Deer	Axis axis (Erxleben1777)	Male	04/12/2018	Cardiac Failure

<b>Sl. No</b>	<b>Animal Name (with individual identification mark, if any)</b>	<b>Scientific Name</b>	<b>Sex</b>	<b>Date of Death</b>	<b>Reason of Death as per the Post-mortem report</b>
19	Nilgai	Boselaphustragucamelus (Pallas 1766)	Female	15/12/2018	Cardiac Failure
20	Spotted Deer	Axis axis (Erxleben1777)	Female	18/12/2018	Shock owing from RTI
21	Spotted Deer	Axis axis (Erxleben1777)	Female	28/12/2018	Respiratory failure
22	Peacock	Pavo cristatus	Male	31/12/2018	Respiratory Failure
23	Spotted Deer	Axis axis (Erxleben1777)	Male	16/01/2019	Shock resulting from fighting
24	Python	<i>Python molorus</i> (Linnaeus)	U/D	23/01/2019	Cardiovascular failure
25	Python	<i>Python molorus</i> (Linnaeus)	U/D	29/01/2019	Cardiovascular failure
26	Python	<i>Python molorus</i> (Linnaeus)	U/D	30/01/2019	Cardiovascular failure
27	Spotted Deer	Axis axis (Erxleben1777)	Male	07/02/2019	Shock owing from RTI
28	Nilgai	Boselaphustragucamelus (Pallas 1766)	Male	09/02/2019	Shock resulting from fighting
29	Indian Wolf	Canis lupus pallipes	Male	15/02/2019	due to internal haemorrhage
30	Python	Python molorus (Linnaeus)	U/D	18/02/2019	asphyxia from RTI
31	Spotted Deer	Axis axis (Erxleben1777)	Female	10/03/2019	Acute renal failure
32	Spotted Deer	Axis axis (Erxleben1777)	Female	23/03/2019	Cardio respiratory failure owing from tuberculosis
33	Spotted Deer	Axis axis (Erxleben1777)	Male	28/03/2019	Cardio respiratory failure owing from tuberculosis

#### 28. Compliance with conditions stipulated by the Central Zoo Authority

<b>Sr. No</b>	<b>Norm No. under RZR, 2009</b>	<b>Condition Stipulated</b>	<b>Time Period to Comply</b>	<b>Since when pending</b>	<b>Status with regard to compliance of the conditions</b>
-	-	-	-	-	-

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

- a. Mammals : Bat.
- b. Birds : Parakeet, Peasant.
- 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. Construction of Flying Birds Aviary unit & Peasantry -3 units.
- b. Renovation and repairing of Boundary Fencing.
- c. Construction of Barrack for Zoo Keepers and Construction Zoo Supervisor quarter.
- d. Construction of Indian wolf Enclosure with Kraal & Night Shelter and Construction of Toilet for Visitors.
- e. Construction of Reptile House.



Ex-Officio Director Junglemahal Zoological Park

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Divisional Forest Officer, Jhargram Division