

# Junglemahal Zoological Park Jhargram Division

Annual Report for the year  
2021-22

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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 langur, administrative building, veterinary hospital, nature interpretation centre and kitchen-cum-store, Standoff barrier, Quarantine enclosure for Hyena etc are completed as per the guidelines of CZA. In 2020-21, 80,646 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:** Junglemahal Zoological Park 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	Junglemahal Zoological Park
2	Year of Establishment	1980
3	Address of the Zoo	Junglemahal Zoological Park, Jhargram Division, Ghoradhara, Jhargram, Dist- Jhargram- 721507
4	State	West Bengal
5	Telephone Number	03221255010
6	Fax Number	03221255010
7	E-mail address	dfojhargram.frd-wb@bangla.gov.in
8	Website	None
9	Distance from nearest	Airport: 183 km
		Railway Station: 2.6 km
		Bus Stand:3.4 km
10	Recognition Valid upto (Date)	19 <sup>th</sup> August 2022.
11	Category of zoo	Medium category Zoo
12	Area (in Hectares)	22.488 Ha.
13	Number of Visitors (Financial Year)	Adult :61,972
		Children :10,807
		Total Indian:72,779
		Total Foreigners: Nil
		Total Visitors:72,779
14	Visitors' Facilities Available in Zoo	Drinking water, Toilet, Resting shed
15	Weekly Closure Day of the Zoo	Thursday
<b>Management Personnel of the zoo</b>		
16	Name with designation of the Officer in-charge	J. Sheik Fareed , IFS
	Name of the Veterinary Officer	Dr. Chandan Bisui
	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	West Bengal Zoo Authority

S.No.	Particulars	Information
18	Address of the Operator	Aranya Bhavan, 7 <sup>th</sup> Floor, Salt lake, Sector III, Kolkata 700106
19	Contact details/Phone number of Operator	03323355011
20	E-mail address of Operator	mswbza@gmail.com

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

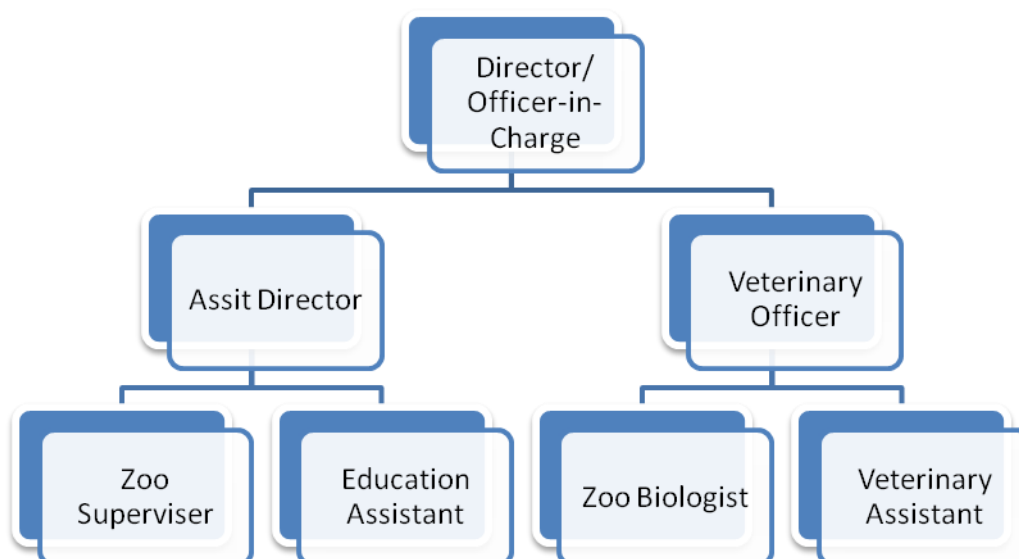
*“Zoo Operator” means the person who has ultimate control over the affairs of the zoos provided that\_\_\_\_\_*

*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



8. **Human Resources**

**Manpower of the Zoo\***

<b>Sl. No.</b>	<b>Name of Post</b>	<b>Sanctioned post</b>	<b>Names of the incumbent</b>
1	Director / DCF	1	1 (Ex-officio)
2	Assistant Director	1	-
3	Veterinary Officer	1	-
4	Zoo Biologist	1	-
5	Zoo Supervisor	1	-
6	Garden Supervisor	1	-
7	Sanitary Supervisor	1	-
8	Education Assistant	1	-
9	Asstt. Security / Estate Supervisor	1	-
10	Veterinary Assistant	1	-
11	Asst. Zoo Supervisor	2	-
12	Gate Keeper	2	-
13	Driver	1	-
14	Zoo Keeper	8	-
15	Cook	1	-
16	UDC/OA/TA	1	-
17	LDC	1	-
18	Ticket Clerk	1	-
	<b>Total Permanent Staff / Officers</b>	<b>27</b>	<b>1</b>
	Support staff ( Engaged on contractual basis against permanent post)		
19	Veterinary Officer	1	1
	Zoo Superintendent	1	1
	Office Assistant	1	1
	Veterinary Assistant	1	1
	Ticket Clerk	1	1
	Zoo keeper	2	2
	<b>Total</b>	<b>7</b>	<b>7</b>
	Support Staff ( Sanctioned contractual post )		
20	(a) Research Assistant	1	-
	(b) Security Guard	12	8
	(c) Sanitation Attendant	6	2
	(d) Garden Attendant	6	2
	(e) Attendant	8	-
	(f) Animal Attendant	10	3
	<b>Total</b>	<b>43</b>	<b>15</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.	Sudhangsu Panda (Veterinary Assistant)	Skill Development workshop.	07/10/2021 to 08/10/2021	Zoological Garden Alipur, West-Bengal
2.	Sahebram Murmu (Zoo Keeper)	Training on captive management of Reptiles	24/11/2021 to 26/11/2021	Nandankanan Zoological Park , Bhubaneswar , Odisa.

#### Zoo Advisory Committee –

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

#### 10. Health Advisory Committee –

- Date of constitution : 07-03-2018
- Members:
  - Joint Director, ARD IAH & VB (R&T) – Chairman
  - Dr Joyjit Mitra, Specialist (Sero Epidemiology) RDDDL (ER) – Member
  - Dr Debashish Chatterjee, Asst Director, ARD (Vety) (Disease Investigation) – Member
  - Dr Proloy Mandal, Asst Director, ARD (Vety) – Member
- Dates on which Meetings held during the year: 18.08.2021.

#### 11. Statement of income and expenditure of the Zoo :

##### Probational Income & Expenditure for the year of 2021-22

SL No.	Income	Amount Rs.	Expenditure	Amount Rs.
1.	Opening Balance (Balance Carry forward from 2020-21)	15,77,697.00	Expenditure during the Year 2021-22	1,94,80,470.00
2.	Fund received during the year 2021-22	2,06,89,220.00		
	Total	2,22,66,917.00	Total	1,94,80,470.00

#### 12. Daily Feed Schedule of animals

Sl. No.	Species	Feed Item	Quantity (Kg.)		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

Sl. No.	Species	Feed Item	Quantity		Day of Fasting
			Winter	Summer	
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
7	Civet Cat	Chicken(Poultry)	0.3	0.3	Thursday
		Banana	2	2	
		Atta ( wheat flour)	0.15	0.15	
8	Python				
		Live Chicken	-	1	6 days in a week
9	Monitor lizard	Chicken (poultry)	0.25	0.25	Thursday
		Fish	0.1	0.1	Thursday
10	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
11	Spotted Deer	Cattle Feed	0.4	0.4	Nil
		Gram	0.25	0.25	Nil
		Rice Husk	0.025	0.025	Nil
12	Barking Deer	Cattle Feed	0.35	0.35	Nil
		Gram	0.15	0.15	Nil
		Carrot, Ladyfinger,Pumpkin	0.2		
		,Tomato		0.2	Nil
		Rice Husk	0.02	0.02	Nil
		Cucumber	0.35	0.35	Nil



Sl. No.	Species	Feed Item	Quantity		Day of Fasting
			Winter	Summer	
13	<b>Rhesus Macaque/Languor</b>	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
14	<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
15	<b>Lesser Adjutant Stork</b>	Chicken (Poultry)	0.2	0.2	Thursday
		Fish	0.3	0.3	Thursday
16	<b>Hawk</b>	Chicken (Poultry)	0.2	0.2	Thursday
17	<b>Vulture</b>	Chicken (Poultry)	0.5	0.5	Thursday
18	<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
19	<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
20	<b>Kalij pheasant, Golden Pheasant, Silver pheasant, Lady Amherst's pheasant, Red jungle Fowl.</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

Sl. No.	Species	Feed Item	Quantity		Day of Fasting
			Winter	Summer	
		Mutton Heart	0.05	0.05	Nil
		Egg	1	1	Nil
		Greenleaf ( stack )	0.02	0.02	Nil
21	Nilgai	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
22	Elephant ( Temporarily stayed at JMZP)	Rice	1	1	Nil
		Cucumber	5	5	Nil
		Banana	6	6	Nil
		Carrot, Ladyfinger, Pumpkin	5	5	Nil
		Tomato			
		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		
23	Spectacled Cobra, Monocled cobra , Russell's viper etc.	Rat / Frog	2	2	Nil
24	Star tortoise, turtle	Carrot, Ladyfinger, Pumpkin,	0.03	0.03	Nil
		Tomato			
		Greenleaf (Shak)	0.025	0.025	Nil
		Lotefish/Reo of Fish	0.02	0.02	Nil
25	Finch/Munia/Badgerigar	Grass seed	0.03	0.03	Nil
26	Emu Bird	Poultry Feed	0.9	0.9	Nil
		Greenleaf (Shak)	0.25	0.25	Nil

### 13. Vaccination Schedule of animals

Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1.	Indian Wolf	Rabies	Raksharab 1ml	1year	-
2.	Macaque	Rabies	Raksharab 1ml	1year	-
3.	Civet Cat	Rabies	Raksharab 1ml	1year	-
4.	Languor	Rabies	Raksharab 1ml	1year	released
5.	Leopard	Rabies	Nobivac - Rabies 1 ml	1year	-
6.	Jungle Cat	Rabies	Nobivac - Rabies 1 ml	1year	-
7.	Fishing Cat	Rabies	Nobivac - Rabies 1 ml	1year	-
8.	Hyena	Rabies	Nobivac - Rabies 1 ml	1year	-
9.	Hyena	Distemper, Hepatitis, Parvovirus, Parainfluenza, Leptospirosis	Nobivac-DHPPiL	1 year	-
10.	Indian Wolf	Distemper, Hepatitis, Parvovirus, Parainfluenza, Leptospirosis	Nobivac-DHPPiL	1 year	-
11.	Indian Wolf	Distemper, Parvovirus	Nobivac – Puppy-DP	Once	-
12.	Leopard	Distemper, Parvovirus	Nobivac – Puppy-DP	Once	-
13.	Leopard	Feline Panleucopenia Virus, Feline Herpesvirus, Feline Calicivirus	Feligen CRP Vaccine	1 year	-
14	Fishing Cat	Feline Panleucopenia Virus, Feline Herpesvirus, Feline Calicivirus	Feligen CRP Vaccine	1 year	-

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

Sl. No.	Species	Drug used	Month
1	Sloth Bear	Oxfender – 2200mg	Quarterly
2	Monkey/ Langour	Albandazole 400 mg	Quarterly
3	Hyena	Drontal Plus , Eazy pet	Quarterly
4	Spotted Deer	Flukarid – DS	Quarterly
5	Python	Albomer	Quarterly
6	Jungle Cat	Eazy pet	Quarterly
7	Lesser Adjutant Stork	Albomer	Quarterly
8	Peacock	Piperazine Liq.	Quarterly
9	Indian wolf	Eazy pet	Quarterly
10	Parakeet	Piperazine Liq.	Quarterly
11	Hawk	Drontal Plus , Eazy pet	Quarterly
12	Vulture	Drontal Plus , Eazy pet	Quarterly
13	Porcupine	Albomer	Quarterly
14	Cocktail	Piperazine Liq.	Quarterly
15	Finch	Piperazine Liq.	Quarterly
16	Munia	Piperazine Liq.	Quarterly
17	Nilgai	Flukarid –DS, Helmigard	Quarterly
18	Emu Bird	Albomer	Quarterly
19	Fishing Cat	Drontal Plus, Bandystar plus.	Quarterly
20	Kalijpheasant	Piperazine Liq.	Quarterly
21	Golden pheasant	Piperazine Liq.	Quarterly
22	Silver pheasant	Piperazine Liq.	Quarterly
23	Red Jungle Fowl	Piperazine Liq.	Quarterly
24	Civet Cat	Panacure 150mg , Oxfendal 150	Quarterly
25	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, Eazy pet	Quarterly
30	Sambar Deer	Refoben Bolus	Quarterly

**15. Disinfection Schedule:**

Sl.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	all	open	Vircon S , Spray	Weekly

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

Sl.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1	All staffs	-	04/03/2022	normal

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

Sl. No.	Works	Unit	Amount (Rs.)	Progress of work till date
1	Construction of food court	1 no.	18,99,460	Completed
2	Making Signages for enclosures 30 Nos, making laminated photo frames 45Nos. & making scrollers on subject of Wildlife, Forests, Birds, Ecotourism 4Nos.	1 no.	4,73,000.00	Completed
3	Installation of CCTV	15 nos. cameras	4,56,613.00	Completed
4	Repair and Maintenance of 94 nos. street lights including underground cables	94 nos. light	8,60,748.00	Completed
5	Power fencing of Leopard enclosure	1 no.	2,15,304.00	Completed
6	Power fencing of Jungle cat and fishing cat enclosure	2 nos.	2,46,928.00	Completed
7	Installation of CCTV for wolf, hyena and fishing cat enclosure	9 nos.	1,72,198.00	Completed
8	Leopard enclosure altering by changing Iron angles and GI -Stainless steel	1 no.	6,37,855.00	Completed
9	Repair and maintenance work of Bear enclosure / night shelter	1 no.	4,71,917.00	Completed
10	Repair and maintenance of old enclosure( in front of staff quarter for quarantine room of animals)	3 nos.	2,27,000.00	Completed
11	Construction of Civet cat enclosure	1 no.	14,16,670.00	Under construction
12	Construction of Pangolin enclosure	1 no.	16,18,758.00	Under construction

18. **Education and Awareness programmes during the year:** 01/07/2021 (online awareness quiz on Environment and wildlife)

**19. Important Events and happenings:**

1. Observed world environment day by cleaning zoo premises.
2. Observed Banmahotsav by planting 500 fruit tree seedlings

20. **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.

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

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

23. **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:U)</b>	<b>From which Zoo</b>	<b>Date of arrival in the zoo</b>
1	988/GENL/SO-23 © /PT11/PNHZP/21-22	Golden Pheasant	2:2:0	PNHZP	09/01/2022
2	988/GENL/SO-23 © /PT11/PNHZP/21-22	Silver Pheasant	2:2:0	PNHZP	09/01/2022
3	988/GENL/SO-23 © /PT11/PNHZP/21-22	Lady Amhersts	2:1:0	PNHZP	09/01/2022
4	988/GENL/SO-23 © /PT11/PNHZP/21-22	Red Jungle Fowl	2:2:0	PNHZP	09/01/2022
5	A3515/36	Emu	0:0:1	Garchumuk Mini Zoo	09/01/2022
6	A3515/36	Asian Palm Civet	2:1:0	Garchumuk Mini Zoo	09/01/2022

<b>B. Animals going from the zoo</b>					
	<b>H.NO.</b>	<b>Species</b>	<b>Number (M:F:U)</b>	<b>Going to which Zoo</b>	<b>Date of deposition from the zoo</b>
1	Challan No – 36/21	Wild Elephant	0:1:0	Jaldapara National Park.	31/10/2021
2	Challan No – A3601/37	Emu	1:1:0	Garchumuk Mini Zoo	09/01/2022
3	Challan No – A3601/37	Star Tortoise	0:0:15	Garchumuk Mini Zoo	09/01/2022

#### 24. 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.	15/04/2021	Wild Elephant - 0:1:0:1	Belda Range	-	31.10.2021, Jaldapara National Park.	-
2.	23/05/2021	Yellow Turtle (Albino) (0:0:1:1)	Lalgarh Range	-	27.01.2022, found dead.	Respiratory failure
3.	04/07/2021	Peafowl (1:0:0:1)	Bajkul Range	-	18.01.2022, Bhulaveda Range	-
4.	08/07/2021	Spotted Deer (1:0:0:1)	Chandrakona Range	-	08.07.2021, Found dead.	Died due to hypovolumic shock
5.	21/08/2021	Water Monitor Lizard (0:0:1:1)	Hijli Range	-	25.12.2021, found dead	Old age
6.	25/12/2021	Spotted Deer (1:0:0:1)	Lalgarh Range	-	20.01.2022, found dead	Cardiac respiratory failure
7.		Common Langur (2:2:0:4)	Jungle Mahal Zoological Park, Jhargram	13.01.2022, No. – 2197/2W-1 (Z) as per CCF Order	18.01.2022, Kakrajhore Beat, Bhulaveda Range.	
8.	29/03/2022	Monocled Cobra (0:0:4:4)	Manikpara Range	-	-	
9.	29/03/2022	Gongilophis conicus (0:0:1:1)	Manikpara Range	-	-	

## 25. Annual Inventory of animals

Form – II

[See Rule 11(1)]

Part – A

Inventory Report for the Year 2021-22

**Endangered Species\***

Sl. No.	Animal Name	Scientific Name	Opening Stock As on 01.04.2021				Birth			Acquisition			Disposal			Death			Closing Stock as on 31.03.2022					
			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>Buteojamaicensis</i> (Gmelin 1788)		1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
2.	Peafowl	<i>Pavo Cristatus</i> (Linnaeus, 1758)	5	3	-	8	2	3	-	-	-	-	-	-	1	-	-	-	-	-	6	6	-	12
3.	Pheasant Nepali Kalij	<i>Laphuraleucomelana</i> (Latham, 1790)	4	2	-	6	2	1	-	-	-	-	-	-	1	1	-	-	-	-	5	2	-	7
4.	Vulture White Rumped	<i>Gypsbengalensis</i> (Gmelin 1788)	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
5.	Golden Pheasant	<i>Chrysolophus pictus</i>	1	1	-	2	-	-	-	2	2	-	-	-	-	-	-	-	-	-	3	3	-	6
6.	Silver Pheasant	<i>Lophura nycthemera</i>	-	1	-	1	-	-	-	2	2	-	-	-	-	-	-	-	-	-	2	3	-	5
<b>Total</b>			<b>10</b>	<b>8</b>	<b>2</b>	<b>20</b>	<b>4</b>	<b>4</b>	<b>-</b>	<b>4</b>	<b>4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>1</b>	<b>-</b>	<b>16</b>	<b>15</b>	<b>2</b>	<b>33</b>			
<b>Mammal</b>																								
1.	Bear Sloth	<i>Melursusursinus</i> (Shaw, 1791)	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	3
2.	Cat Fishing	<i>Prionailurusviverrinus</i> (Bennett, 1833)	3	1	-	4	-	1	-	-	-	-	-	-	1	-	-	-	-	-	2	2	-	4
3.	Cat Jungle	<i>FelisChaus</i> Schreber, 1777	5	1	-	6	-	-	-	-	-	-	-	-	1	-	-	-	-	-	4	1	-	5
4.	Civet Asian Palm/ Common Palm Civet	<i>Paradoxurus hermaphrodites</i> (Pallas, 1777)	2	1	-	3	-	-	-	2	1	-	-	-	-	-	-	-	-	-	4	2	-	6
5.	Elephant Indian	<i>Elephasmaximus</i> Linnaeus, 1758	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-
6.	Fox Jungle/ Indian Fox	<i>Vulpesbengalensis</i> , (Shaw, 1800)	1	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
7.	Languor Common	<i>Semnopithecus entellus</i> Dufresne, 1797	2	1	-	3	-	1	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-
8.	Macaque Rhesus	<i>Macacamullata</i> (Zimmermann, 1780)	4	3	-	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	5	4	-	9
9.	Porcupine Brush Tailed/ Bengal/Indian crested	<i>Hystrixindica</i> Kerr, 1792	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
10.	Wolf Indian	<i>Canis lupus pallipes</i>	4	3	-	7	-	-	-	-	-	-	-	-	-	1	-	-	-	-	4	2	-	6
11.	Leopard	<i>Pantherapardus</i>	3	1	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	4
12.	Sambar Deer	<i>Cervus unicolor</i>	4	2	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	-	6
<b>Total</b>			<b>28</b>	<b>16</b>	<b>2</b>	<b>46</b>	<b>1</b>	<b>3</b>	<b>-</b>	<b>2</b>	<b>2</b>	<b>-</b>	<b>2</b>	<b>3</b>	<b>-</b>	<b>3</b>	<b>1</b>	<b>-</b>	<b>26</b>	<b>17</b>	<b>2</b>	<b>45</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>Najanajakaouthia</i> Lesson, 1831	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
3.	Cobra Indian/Spectacled Cobra	<i>Najanaja</i> (Linnaeus, 1758)	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4
4.	Turtle Indian Soft Shell	<i>Lissemys punctatopunctata</i> (Lacepede, 1788)	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
5.	Monitor Lizard	<i>Varanus bengalensis</i> (Daudin, 1802)	-	-	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)	-	-	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	21
9.	Tricarinate Hill Turtle	<i>Melanochelys tricarinata</i> (Blyth, 1856)	-	-	18	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	18
<b>Total</b>			-	-	<b>52</b>	<b>52</b>	-	-	-	-	-	-	-	-	-	-	-	<b>2</b>	-	-	-	<b>52</b>	<b>52</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> (Dorr 1792)	-	-	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15
2.	Finches	<i>Taeniopygia guttata</i> (Reichenbach 1862)	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
<b>Total</b>			-	-	<b>18</b>	<b>18</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>18</b>	<b>18</b>

## Part – 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>Glauglaus (Linnaeus 1758)</i>	1	1	-	2	2	3	-	2	2	-	-	-	-	-	-	5	6	-	11	
2.	Munia Black Headed	<i>Lonchuramalaca (Linnaeus 1766)</i>	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	
3.	Munia Spotted	<i>Lonchurapunctulata (Linnaeus 1758)</i>	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	
4.	Paraket Large Indian/ Alexandrine Paraket	<i>Psittaculaeupatria (Linnaeus 1766)</i>	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
5.	Paraket Red Breasted	<i>Psittaculaalexandri (Linnaeus 1758)</i>	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	
6.	Paraket Rose Ring	<i>Psittaculakrameri (Scopoli 1769)</i>	-	-	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	
7.	Strok adjutant	<i>Leptoptilosjavanicu (Horsfeild 1821)</i>	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
8.	Emu	<i>Dromaiusnovachollandiac</i>	4	3	1	8	-	-	-	-	-	1	1	1	-	-	1	3	2	1	6	
<b>Total</b>			<b>5</b>	<b>4</b>	<b>17</b>	<b>26</b>	<b>2</b>	<b>3</b>	<b>-</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>8</b>	<b>8</b>	<b>17</b>	<b>33</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>Muntiacusmuntjse (Zimmermann1780)</i>	5	13	-	18	1	2	-	-	-	-	-	-	1	1	-	5	14	-	19	
10.	Deer Spotted/ chital	<i>Axis axis (Erleben1777)</i>	46	47	-	93	1	2	-	2	-	-	-	-	6	2	-	43	47	-	90	
11.	Hyna Striped	<i>Hyaenahyaena (Linnaeus 1758)</i>	2	2	-	4	-	-	-	-	-	-	-	-	-	-	-	2	2	-	4	
12.	Nilgai/ Blue Bull	<i>Boselaphustragucamelus (Pallas 1766)</i>	12	18	-	30	1	1	-	-	-	-	-	3	2	-	10	17	-	27		
13.	Bonnet Macaque	<i>Macaca radiate</i>	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	2	-	-	2	
<b>Total</b>			<b>65</b>	<b>80</b>	<b>-</b>	<b>145</b>	<b>3</b>	<b>5</b>	<b>-</b>	<b>4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10</b>	<b>5</b>	<b>-</b>	<b>62</b>	<b>80</b>	<b>-</b>	<b>142</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>
14.	Tortoise Indian Star	<i>Geocheloneelegans (Schoeph 1801)</i>	-	-	34	34	-	-	-	-	-	-	-	15	-	-	8	-	-	11	11	
<b>Total</b>			<b>-</b>	<b>-</b>	<b>34</b>	<b>34</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15</b>	<b>-</b>	<b>-</b>	<b>8</b>	<b>-</b>	<b>-</b>	<b>11</b>	<b>11</b>

## 26. 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	Bengal Fox	<i>Vulpes bengalensis</i> , (Shaw, 1800)	Male	02/04/2021	Died due to serelity
2	Spotted Deer	<i>Axis axis</i> ( <i>Erxleben</i> 1777)	Male	20/04/2021	Asphygia resulting from lung infection
3	Barking Deer	<i>Muntiacusmuntjak</i> ( <i>Zimmermann</i> 1780)	Male	21/04/2021	Respiratory failure
4	Peafowl	<i>Pavocristatus</i> (Linnaeous , 1758)	Male	02/05/2021	Shock resulting from infighting
5	Indian Wolf	<i>Canis lupus pallipes</i>	Female	09/05/2021	Due to infighting
6	Spotted Deer	<i>Axis axis</i> ( <i>Erxleben</i> 1777)	Male	24/05/2021	Cardiac respiratory failure
7	Emu	<i>Dromaiusnova chollandiac</i>	Female	06/06/2021	Respiratory failure
8	Nilgai	<i>Boselaphus tragucamelus</i> ( <i>Pallas</i> 1766)	Male	15/06/2021	Cardiac arrest
9	Spotted Deer	<i>Axis axis</i> ( <i>Erxleben</i> 1777)	Male	24/06/2021	Acute renal failure
10	Spotted Deer	<i>Axis axis</i> ( <i>Erxleben</i> 1777)	Male	21/07/2021	Hypovolumik shock
11	Nilgai	<i>Boselaphustragucamelus</i> ( <i>Pallas</i> 1766)	Female	06/08/2021	Cardiac respiratory failure
12	Nilgai	<i>Boselaphus tragucamelus</i> ( <i>Pallas</i> 1766)	Male	13/08/2021	Hypovolumik shock
13	Fishing cat	<i>Prionailurus viverrinus</i> ( <i>Bennett</i> , 1833)	Male	18/08/2021	Multiorgan failure
14	Kalij Pheasant	<i>Laphuraleucomelana</i> ( <i>Latham</i> , 1790)	Female	31/10/2021	Hypovolumik shock resulting from infighting.
15	Kalij Pheasant	<i>Laphuraleucomelana</i> ( <i>Latham</i> , 1790)	Male	01/11/2021	Hypovolumik shock resulting from infighting.
16	Nilgai	<i>Boselaphus tragucamelus</i> ( <i>Pallas</i> 1766)	Male	20/11/2021	Multiple injury from infighting
17	Barking Deer	<i>Muntiacusmuntjak</i> ( <i>Zimmermann</i> 1780)	Female	29/11/2021	Cardiac Failure
18	Nilgai	<i>Boselaphustragucamelus</i> ( <i>Pallas</i> 1766)	Female	07/01/2022	Cardiac respiratory failure

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	Star Tortoise	<i>Geochelone elegans</i> (Schoeph 1801)	-	08/01/2022	Respiratory failure
20	Star Tortoise	<i>Geochelone elegans</i> (Schoeph 1801)	-	09/01/2022	Respiratory failure
21	Star Tortoise	<i>Geochelone elegans</i> (Schoeph 1801)	-	25/01/2022	Respiratory failure
22	Monitor Lizard	<i>Varanus bengalensis</i> (Daudin, 1802)	Female	05/02/2022	Do not eat in winter, lack of food
23	Star Tortoise	<i>Geochelone elegans</i> (Schoeph 1801)	-	06/02/2022	Respiratory failure
24	Star Tortoise	<i>Geochelone elegans</i> (Schoeph 1801)	-	06/02/2022	Respiratory failure
25	Star Tortoise	<i>Geochelone elegans</i> (Schoeph 1801)	-	12/02/2022	Respiratory failure
26	Spotted Deer	<i>Axis axis</i> (Erxleben 1777)	Female	18/02/2022	Cardiac respiratory failure
27	Spotted Deer	<i>Axis axis</i> (Erxleben 1777)	Female	28/02/2022	Cardiac respiratory failure
28	Star Tortoise	<i>Geochelone elegans</i> (Schoeph 1801)	-	03/03/2022	Respiratory failure
29	Jungle Cat	<i>Felis Chaus</i> Schreber, 1777	Male	17/03/2022	Multiorgan failure

**27. 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
-	-	-	-	-	-

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

- Mammals : Bat, squirrels, Mongoose
- Birds : Parakeet, Hawk, water hen, water heron, Common crow, Little cormorant, Dove, Jungle babbler, bitter, owl, wood picker, hoopoe, sparrow, cuckoo.
- Reptiles : Spectacle Cobra, Monocled Cobra, Rat snake, Russell Viper, pond turtle, lizard (cameleon)

**29. Security plan :**

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

**31. Works to be done:**

- Civet cat enclosure and Pangolin enclosure.

( J. Sheik Fareed, IFS )  
 Ex-Officio Director  
 Junglemahal Zoological Park  
 &  
 Divisional Forest Officer  
 Jhargram Division