

সবুজরক্ষা, স্বপ্ন দেখা

SAVE GREEN SEE DREAM



Government of West Bengal
Directorate of Forests
Office of the Divisional Forest Officer
Jhargram Division
Ghoradhara, Jhargram, Dist-Jhargram - 721507
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Memo No. **2106** /28-6/ JMZP

Dated, Jhargram, the

02/08/2023

To : The Member Secretary,
Central Zoo Authority


Sub : Submission of Statutory Annual Report for the period of 2022-23.

Ref : O/o Member Secretary, CZA computer no. 218155, File no. 18-1/2023-CZA(NE)
date: 21.07.2023.

Madam,

With reference to above, kindly find enclosed herewith the Annual Report for the period of 2022-23 of Junglemahal Zoological Park, Jhargram as per your given format. This is for your kind information.

Encl: As stated above.


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


Memo No. **2106** /28-6/JMZP

Dated, Jhargram, the

02/08/2023

Copy forwarded for information, and taking necessary action to.

1. The Member Secretary, West Bengal Zoo Authority.


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

Junglemahal Zoological Park Jhargram Division

Annual Report for the year
2022-23

CONTENTS

Sl. No.	Section	Page Number
1.	Report of the Officer-in-charge	3
2.	History of the Zoo	3
3.	Vision	3
4.	Mission	3
5.	Objective	3
6.	About us	4
7.	Organizational Chart	5
8.	Human Resources	6
9.	Capacity Building of the zoo personnel	7
10.	Zoo Advisory Committee	7
11.	Health Advisory Committee	7
12.	Statement of income and expenditure of the Zoo	7
13.	Daily feed Schedule of animals	8-11
14.	Vaccination Schedule of animals	11
15.	De-worming Schedule of animals	12
16.	Disinfection Schedule	13
17.	Health Check-up of employees for zoonotic diseases	13
18.	Development Works carried out in the zoo during the year	13-14
19.	Education and Awareness programmes during the year	14
20.	Important Events and happenings in the zoo	14
21.	Seasonal special arrangements for upkeep of animals	14
22.	Research Work carried out and publications	14
23.	Conservation Breeding Programme of the Zoo	14
24.	Animal acquisition / transfer / exchange during the year	14
25.	Rescue and Rehabilitation of the wild animals carried out by the zoo	15-17
26.	Annual Inventory of animals	18-20
27.	Mortality of animals.	21-22
28.	Status of the Compliance with conditions stipulated by the Central Zoo Authority	23
29.	List of free living wild animals within the zoo premises	23
30.	Security plan	23
31.	Works to be done	23

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 5-6 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, Civet cat enclosure, Pangolin enclosure etc are completed as per the guidelines of CZA. In 2022-23, 1,59,224 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 9th 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 21st 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 complement 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
Basic Information about the Zoo		
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 th August 2022.
11	Category of zoo	Medium category Zoo
12	Area (in Hectares)	22.488 Ha.
13	Number of Visitors (Financial Year)	Adult :1,32,794
		Children :26,430
		Total Indian:1,59,224
		Total Foreigners: Nil
		Total Visitors:1,59,224
14	Visitors' Facilities Available in Zoo	Food canteen, Drinking water, Toilet, Resting shed
15	Weekly Closure Day of the Zoo	Thursday
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Shri Pankaj Suryawanshi , 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

S. No.	Particulars	Information
Owner / Operator of the Zoo		
17	*Name of the Operator	West Bengal Zoo Authority
18	Address of the Operator	Aranya Bhavan, 7 th Floor, Salt lake, Sector III, Kolkata 700106
19	Contact details/Phone number of Operator	03323355011
20	E-mail address of Operator	mwbza@gmail.com

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

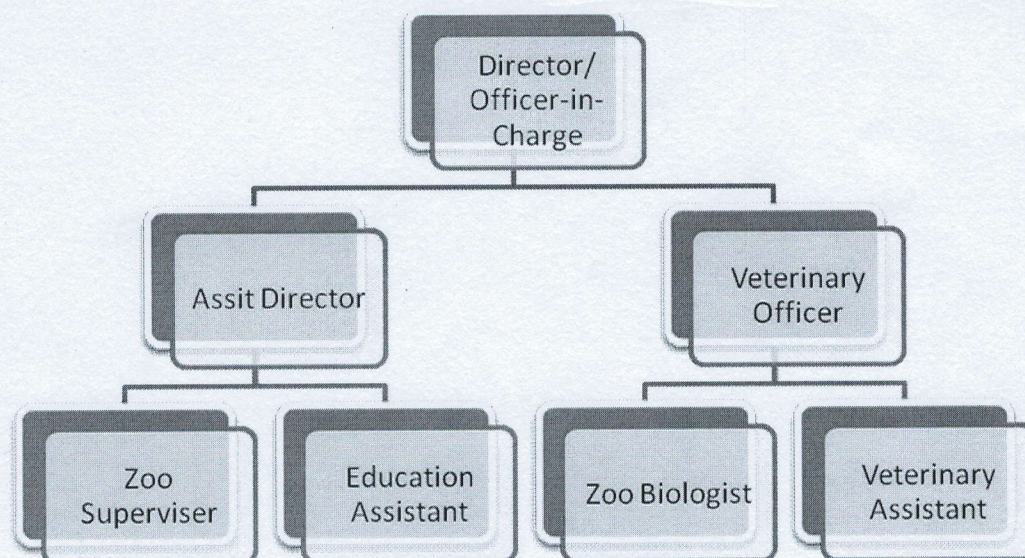
“Zoo Operator” means the person who has ultimate control over the affairs of the zoos provided that _____

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*

Sl. No.	Name of Post	Sanctioned Strength	Existing Strength
1	Director / DCF	1(Ex-officio)	1 (Ex-officio)
2	Assistant Director	1	-
3	Forest Range Officer	0	1
4	Veterinary Officer	1	-
5	Zoo Biologist	1	-
6	Zoo Supervisor	1	-
7	Garden Supervisor	1	-
8	Sanitary Supervisor	1	-
9	Education Assistant	1	-
10	Asstt. Security / Estate Supervisor	1	-
11	Veterinary Assistant	1	-
12	Asst. Zoo Supervisor	2	-
13	Gate Keeper	1	-
14	Driver	1	-
15	Zoo Keeper	8	-
16	UDC/OA/TA	1	-
17	LDC	1	-
18	Ticket Clerk	1	-
	Total Permanent Staff / Officers	24	2
	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
	Total	7	7
	Support Staff (Sanctioned contractual post)		
20	(a) Research Assistant	1	-
	(b) Security Guard	12	9
	(c) Sanitation Attendant	6	2
	(d) Garden Attendant	6	2
	(e) Attendant	8	-
	(f) Animal Attendant	10	3
	Total	43	16

*Please give above mentioned 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.	Sri Bimal Murmu, Zoo Keeper	Regional Workshop for Capacity Enhancement of Zoo Keepers	21.02.2023 to 23.02.2023	Zoological Garden Alipore, Kolkata
2.	Dr. Chandan Bisui, Veterinary Officer	Skill Development Training-Workshop for Scientific Staff	17.03.2023 To 18.03.2023	Zoological Garden Alipore, Kolkata

Zoo Advisory Committee –

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

10. 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: NA.

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 2021-22)	27,86,447.00	Expenditure during the Year 2022-23	1,96,42,558.00
2.	Fund received during the year 2022-23	1,71,93,606.00		
	Total	1,99,80,053.00	Total	1,96,42,558.00

12. Daily Feed Schedule of animals

Sl. No.	Species	Feed Item	Quantity		Day of Fasting
			Winter	Summer	
1	Sloth Bear	Rice	1 kg	1 kg	Nil
		Gram flour	0.6 kg	0.6 kg	Nil
		Milk	1 ltr.	1 ltr	Nil
		Dalia	0.3 kg	0.3 kg	Nil
		Fruits (Apple, Guava, Banana etc)	0.15 kg	0.15 kg	Nil
		Honey	0.3 ml	0.3 ml	Nil
		Vegetable (Tomato, Carrot)	0.2 kg	0.2 kg	Nil
		Salt	0.05 kg	0.05 kg	Nil
2	Hyena	Beef	2 kg	2 kg	Thursday
3	Leopard	Beef	4 kg	4 kg	Thursday
4	Indian Wolf	Beef (Weekly 3 days)	1.5 kg	1.5 kg	Thursday
		Live Chicken (Weekly 3 days)	1.5 kg	1.5 kg	Thursday
5	Jungle Cat	Beef (Weekly 2 Days)	0.4 kg	0.4 kg	Thursday
		Live Chicken(Poultry) (Weekly 4 days)	0.4 kg	0.4 kg	Thursday
6	Fishing Cat	Beef (Weekly 2 Days)	0.5 kg	0.5 kg	Thursday
		Live Chicken(Poultry) (Weekly 4 days)	0.5 kg	0.5 kg	Thursday
		Fish	0.4 kg	0.4 kg	Thursday
7	Civet Cat	Chicken(Poultry)	0.3 kg	0.3 kg	Thursday
		Banana	2 pcs	2 pcs	-
		Atta (wheat flour)	0.15 kg	0.15 kg	-
8	Python	Live Chicken (15 days interval)	1 kg	-	-
9	Monitor lizard	Chicken (poultry)	0.25 kg	0.25 kg	Thursday
		Fish	0.1 kg	0.1 kg	Thursday
10	Indian Porcupine	Cucumber	0.3 kg	0.3 kg	Nil
		Banana	4 pcs	4pcs	Nil
		Rice	0.1 kg	0.1 kg	Nil
		Dal (Pules)	0.05 kg	0.05 kg	Nil
		Salt	0.05 kg	0.05 kg	Nil

Sl. No.	Species	Feed Item	Quantity		Day of Fasting
			Winter	Summer	
11	Spotted Deer	Cattle Feed	0.4 kg	0.4 kg	Nil
		Gram	0.25 kg	0.25 kg	Nil
		Rice Husk	0.025 kg	0.025 kg	Nil
12	Barking Deer	Cattle Feed	0.35 kg	0.35 kg	Nil
		Gram	0.15 kg	0.15 kg	Nil
		Carrot, Ladyfinger, Pumpkin, Tomato	0.2 kg	0.2 kg	Nil
		Rice Husk	0.02 kg	0.02 kg	Nil
		Cucumber	0.35 kg	0.35 kg	Nil
13	Sambar Deer	Concentrate Feed	0.75 kg	0.75 kg	Nil
		Gram	0.3 kg	0.3 kg	Nil
		Rice Husk	0.05 kg	0.05 kg	Nil
		Carrot, Lady Finger, Pumpkin, Tomato	0.5 kg	0.5 kg	Nil
14	Rhesus Macaque/Languor	Atta (Wheat Flour)	0.25 kg	0.25 kg	Nil
		Rice	0.2 kg	0.2 kg	Nil
		Pulse (Dal)	0.05 kg	0.05 kg	Nil
		Gram	0.05 kg	0.05 kg	Nil
		Seasonal Fruit	2 pcs	2 pcs	Nil
		Vegetable (Carrot, Cucumber, Cabbage)	0.2 kg	0.2 kg	Nil
		Salt	0.05 kg	0.05 kg	Nil
		Turmeric powder	0.01 kg	0.01 kg	Nil
		Banana	4 pcs	4pcs	Nil
		Molasses (gur)	0.05 kg	0.05 kg	Nil
15	Peacock	Poultry Feed	0.2 kg	0.2 kg	Nil
		Gram	0.05 kg	0.05 kg	Nil
		Wheat	0.15 kg	0.15 kg	Nil
		Paddy	0.1 kg	0.1 kg	Nil
		Greenleaf of (Shack)	0.1 kg	0.1 kg	Nil
16	Lesser Adjutant Stork	Chicken (Poultry)	0.2 kg	0.2 kg	Thursday
		Fish	0.3 kg	0.3 kg	Thursday
17	Hawk	Chicken (Poultry)	0.2 kg	0.2 kg	Thursday
18	Vulture	Chicken (Poultry)	0.5 kg	0.5 kg	Thursday

Sl. No.	Species	Feed Item*	Quantity		Day of Fasting
			Winter	Summer	
19	Parakeet	Gram	0.02 kg	0.02 kg	Nil
		Paddy	0.02 kg	0.02 kg	Nil
		Sunflower seed	0.03 kg	0.03 kg	Nil
		Ground nut	0.03 kg	0.03 kg	Nil
		Apple	0.04 kg	0.04 kg	Nil
		Guava (seasonal)	0.05 kg	0.05 kg	Nil
		Watermelon (seasonal)	0.05 kg	0.05 kg	Nil
		Maize (seasonal)	0.06 kg	0.06 kg	Nil
21	Hill Mayna	Gram flour (Chattu)	0.1 kg	0.1 kg	Nil
22	Kalijpheasant, Red jungle Foule	Pulse (Dal)	0.05 kg	0.05 kg	Nil
		Wheat	0.075 kg	0.075 kg	Nil
		Gram flour (chattu)	0.1 kg	0.1 kg	Nil
		Garlic	0.02 kg	0.02 kg	Nil
		Onion	0.05 kg	0.05 kg	Nil
		Mutton Heart (Only Sunday)	0.05 kg	0.05 kg	Nil
		Egg	1 pc	1pc	Nil
		Greenleaf (stack)	0.02 kg	0.02 kg	Nil
23	Nilgai	Cattle Feed	0.75 kg	0.75 kg	Nil
		Gram	0.3 kg	0.3 kg	Nil
		Rice Husk	0.05 kg	0.05 kg	Nil
		Carrot,ladyfinger, pumpkin,tomato	0.5 kg	0.5 kg	Nil
		Cucumber	0.4 kg	0.4 kg	Nil
24	Elephant	Rice	1 kg	1 kg	Nil
		Cucumber	5 kg	5 kg	Nil
		Banana	6pcs	6pcs	Nil
		Carrot, Ladyfinger, Pumpkin ,Tomato	5 kg	5 kg	Nil
		Salt	0.5 kg	0.5 kg	Nil
		Watermelon(Seasonal)	3 kg	3 kg	Nil
		Molasses(gur)	0.6 kg	0.6 kg	Nil
		Pulse (Dal)	0.5 kg	0.5 kg	Nil
		Turmeric Powder	0.02 kg	0.02 kg	Nil

Sl. No.	Species	Feed Item	Quantity		Day of Fasting
			Winter	Summer	
25	Spectacled, Monocled cobra Russelviper, ine snake etc.	Rat / Frog	2 pcs	2 pcs	Nil
26	Star tortoise, turtle	Carrot, Ladyfinger, Pumpkin,	0.03 kg	0.03 kg	Nil
		Tomato			
		Greenleaf (Shak)	.025 kg	.025 kg	Nil
		Lotefish/Reo of Fish	0.02 kg	0.02 kg	Nil
27	Finch / Munia / Badgerigar	Grass seed	0.03 kg	0.03 kg	Nil
28	Emu Bird	Poultry Feed	0.9 kg	0.9 kg	Nil
Greenleaf (Shak)		0.25 kg	0.25 kg	Nil	

13. Vaccination Schedule of animals

Sl. No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	Striped Hyena	Distemper, Adino virus, Parvo, Para-influenza, Leptospirosis, Hepatitis	Nobivac DHPPIL	Yearly	
2	Striped Hyena	Rabies	Raksharab	Yearly	
3	Jungle Cat	Rabies	Raksharab	Yearly	
4	Indian Wolf	Rabies	Raksharab	Yearly	
5	Indian Wolf	Distemper, Adino virus, Parvo, Para-influenza, Leptospirosis, Hepatitis	Nobivac DHPPIL	Yearly	
6	Indian Palm Civet	Rabies	Raksharab	Yearly	
7	Leopard	Rabies	Raksharab	Yearly	
8	Leopard	Calcivirus, Rhinotracheitis, Panleucopenia	Feligen CRP	Yearly	
9	Rhesus Macaque	Rabies	Raksharab	Yearly	
10	Bonnet Macaque	Rabies	Raksharab	Yearly	
11	Fishing Cat	Rabies	Raksharab	Yearly	
12	Fishing Cat	Calcivirus, Rhinotracheitis, Panleucopenia	Feligen CRP	Yearly	
13	Assamese Macaque	Rabies	Raksharab	Yearly	

14. De-worming Schedule of animals:

Sl. No.	Species	Drug used	Month
1	Sloth Bear	Oxfendazole 2200mg	April'2022, July'2022, January'2023
2	Monkey, Macaque	Albendazole	April'2022, July'2022, February'2023
3	Hyena	Bandystar Plus, Alfamil, Eazy Pet	April'2022, August'2022, January'2023
4	Spotted Deer	Flukarid DS, Helmigard Supreme, Helmigard Supreme	April'2022, August'2022, January'2023
5	Python	Albomer	April'2022, July'2022, January'2023
6	Jungle Cat	Drontal Plus, Bandystar Plus, Eazy Pet	April'2022, July'2022, January'2023
7	Adjutant stork	Albomer Liquid	April'2022, July'2022, January'2023
8	Peacock	Piperzine Liquid	April'2022, July'2022, December'2022
9	Indian Wolf	Eazy Pet	April'2022, July'2022, January'2023
10	Parakeet	Pierzine Liquid	April'2022, July'2022, December'2022
11	Hawk	Bandystar Plus, Drontal Plus	April'2022, July'2022, December'2022
12	Vulture	Bandystar Plus, Drontal Plus	April'2022, July'2022, December'2022
13	Porcupine	Albomer	April'2022, July'2022, January'2023
14	Cockatiel	Piperzine Liquid	April'2022, July'2022, December'2022
15	Hill Mayna	Piperzine Liquid	July'2022, December'2022
16	Finch	Piperzine Liquid	April'2022, July'2022
17	Munia	Piperzine Liquid	April'2022, July'2022
18	Nilgai	Flukarid DS, Helmigard Supreme, Neozide Plus	April'2022, August'2022, February'2023
19	Emu	Albomer Liquid, Piperzine Liquid	April'2022, July'2022, December'2022
20	Fishing Cat	Drontal Plus, Bandystar Plus, Alfamil Tabs	April'2022, July'2022, January'2023
21	Kalij Pheasant	Piperzine Liquid	April'2022, July'2022, December'2022
22	Golden Pheasant	Piperzine Liquid	April'2022, July'2022, December'2022
23	Red Jungle Fowl	Piperzine Liquid	April'2022, July'2022, December'2022
24	Indian Palm Civet	Oxfendazole 150mg, Fenbendazole 150mg	April'2022, July'2022, December'2022
25	Barking Deer	Flukarid DS, Helmigard Supereme	April'2022, August 2022, January 2023
26	Monitor Lizard	Albomer Liquid	December 2022
27	Tortoise & Turtle	Piperzine Liquid, Albomer Liquid	April'2022, July'2022, January'2023
28	Cobra, Viper	Albomer liquid	April'2022, July'2022, December'2022
29	Leopard	Drontal Plus, Bandystar Plus, Eazy Pet	April'2022, August'2022, December'2022
30	Sambar Deer	Rafoben Bolus, Helmigard Supreme	April'2022, August 2022, January 2023
31	Silver Pheasant	Piperzine Liquid	April'2022, July'2022, December'2022
32	Lady Amhersts Pheasant	Piperzine Liquid	April'2022, July'2022, December'2022

15. Disinfection Schedule:

Sl. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	Pheasants	Birds	Lime, Bleaching Powder, Potassium Permanganate, Vircon S.	15 days interval
2	Leopard	Carnivore	Lime, Bleaching Powder, Potassium Permanganate, Turmeric powder	15 days interval
3	Bear	Omnivore	Lime, Bleaching Powder, Potassium Permanganate,	15 days interval
4	Hyena	Carnivore	Lime, Bleaching Powder, Potassium Permanganate, Turmeric powder	15 days interval
5	Indian Wolf	Carnivore	Lime, Bleaching Powder, Potassium Permanganate, Turmeric powder	15 days interval
6	Jungle Cat	Carnivore	Lime, Bleaching Powder, Potassium Permanganate, Turmeric powder	15 days interval
7	Fishing Cat	Carnivore	Lime, Bleaching Powder, Potassium Permanganate, Turmeric powder	15 days interval
8	Macaque	Herbivore	Lime, Bleaching Powder, Potassium Permanganate, Turmeric powder	15 days interval
9	Vulture	Birds	Lime, Bleaching Powder, Potassium Permanganate, Vircon S.	15 days interval
10	Flying Birds Aviary	Birds	Lime, Bleaching Powder, Potassium Permanganate, Vircon S.	15 days interval
11	Emu	Birds	Lime, Bleaching Powder, Potassium Permanganate, Vircon S.	15 days interval
12	Turtle & Tortoise	Reptiles	Lime, Bleaching Powder, Potassium Permanganate, Vircon S.	15 days interval
13	Spotted Deer, Sambar Deer, Barking Deer	Herbivore	Lime, Bleaching Powder, Potassium Permanganate, Vircon S.	15 days interval
14	Nilgai	Herbivore	Lime, Bleaching Powder, Potassium Permanganate, Vircon S.	15 days interval

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

Sl.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1	NA	-	-	-

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 Civet cat enclosure	1 no.	14,16,670.00	Completed
2	Construction of Pangolin enclosure	1 no.	16,18,758.00	Completed
3	Supply materials for wildlife enclosure enrichment	1 unit	6,20,000.00	Completed
4	Construction of toilet block	1 no.	5,26,102.00	Completed

5	Construction of shed over veterinary hospital	1 no.	5,77,851.00	Completed
6	Repair of top net of flying birds aviary	1 no.	6,68,277.00	Completed
7	Construction of Visitors pathway by paver block in-between Main gate to Cafeteria	1 no.	3,22,747.00	Completed
8	Plinth protection and drainage work for Veterinary Hospital	1 no.	1,83,595.00	Completed
9	Quarantine wards for carnivore near Veterinary Hospital	1 no.	7,80,037.00	Completed
10	Construction of herbivore quarantine wards or treatment cell	1 no.	5,00,777.00	Completed

18. Education and Awareness programmes during the year:

- i) Observed world environment day by cleaning zoo premises.
- ii) Observed Ban Mahotsav by planting 300 fruit tree seedlings along with 300 Miscellaneous Flower Species and also plant 400 Medicinal Species by dividing patch area.

19. Important Events and happenings:

1. Celebration of 1st Annual Zoo festival from 14th November 2022 to 18th November 2022.
2. Celebration of X' Mass day on 25th December 2022 and awareness campaign inside zoo.
3. Celebration of 1st January 2023 and awareness campaign inside zoo area.

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 all herbivore animals 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

A. Animals arriving in the Zoo					
SL No	H. NO.	Species	Number (M: F:U)	From which Zoo	Date of arrival in the zoo
-	NA	-	-	-	-

B. Animals going from the zoo					
	H. NO.	Species	Number (M:F:U)	Going to which Zoo	Date of deposition from the zoo
-	NA	-	-	-	-

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	12.04.2022	Peafowl (2:1:0:3)	Lalgarh Range, Medinipur Division	-	29.05.2022, Kakrajhore Beat, Vulaveda Range	-
2	14.04.2022	Local Finch (0:0:1:1)	Dhabani Beat, Jhargram Range	-	18.04.2022, Released in Nature	-
3	28.04.2022	Spotted Deer (1:0:0:1)	Lalgarh Range, Medinipur Division	-	-	Expired on 06.05.2022, Post Mortem Done
4	11.05.2022	Common Langur (1:0:0:1)	Lodhasuli range, Jhargram Division	-	-	Expired on 19.05.2022, Post Mortem Done
5	15.05.2022	Langur (1:0:0:1)	Chandra Range, Medinipur Division	-	-	Kept for Better Treatment
6	17.05.2022	Jackal (1:0:0:1)	Gidhni Range, Jhargram Division	-	-	Expired on 22.05.2022, Post Mortem Done
7	25.05.2022	Rock Python (0:0:1:1)	Parihati Range, Jhargram Division	-	-	Injured, kept for better treatment
8	29.05.2022	Water Monitor Lizard (0:0:2:2)	Lodhasuli Range, Jhargram Division	-	-	Injured, kept for better treatment
9	23.06.2022	Spectacled Cobra (0:0:2:2)	Medinipur Range, Medinipur Division	-	20.08.2022, Released in Bandurvola Forest	-
10	23.06.2022	Spectacled Cobra Egg - 18	Medinipur Range, Medinipur Division	-	20.08.2022, Released in Bandurvola Forest	-
11	30.06.2022	Common Langur (1:0:0:1)	Medinipur Range, Medinipur Division	-	-	Kept for better Treatment
12	03.07.2022	Parakeet (1:1:4:6)	Haldia Range, Purba Medinipur Division	-	-	Injured, kept for better treatment
13	03.07.2022	Hill Mayna (0:0:4:4)	Haldia Range, Purba Medinipur Division	-	-	Expired, Post Mortem Done
14	03.07.2022	Common Mayna (0:0:2:2)	Haldia Range, Purba	-	-	Expired, Post Mortem Done

			Medinipur Division			
15	12.07.2022	Rhesus Macaque (2:0:0:2)	Gidhni Range, Jhargram Division	-	-	Kept for Better Treatment
16	15.07.2022	Monocled Cobra (0:0:2:2)	Jhargram Range, Jhargram Division	-	20.08.2022, Released in Bandurvola Forest	-
17	17.07.2022	Common Langur (1:0:0:1)	Jhargram Range, Jhargram Division	-	-	Expired on 25.07.2022, Post Mortem Done
18	18.07.2022	Spectecled Cobra (0:0:2:2)	Jhargram Range, Jhargram Division	-	20.08.2022, Released in Bandurvola Forest	-
19	19.07.2022	Russels Viper (0:0:3:3)	Gidhni Range, Jhargram Division	-	20.08.2022, Released in Bandurvola Forest	-
20	21.07.2022	Sand Boa (0:0:1:1)	Jhargarm Range, Jhargram Division	-	20.08.2022, Released in Bandurvola Forest	-
21	22.07.2022	Rat Snake (0:0:1:1)	Parihati range, Jhargram Division	-	20.08.2022, Released in Bandurvola Forest	-
22	25.07.2022	Rhesus Macaque (0:1:0:1)	Jhargram Range, Jhargram Division	-	-	Kept For Better treatment
23	28.07.2022	Russels Viper (0:0:2:2)	Lalgarh rane, Medinipur Division	-	20.08.2022, Released in Bandurvola Forest	-
24	30.07.2022	Local Finch (0:0:1:1)	Dhabani Beat, Jhargram Range	-	04.08.2022, Released in Bandurvola Forest	-
25	10.08.2022	Monocled Cobra (0:0:2:2)	Dhabani Beat, Jhargram Range	-	20.08.2022, Released in Bandurvola Forest	-
26	17.08.2022	Spectacled Cobra (0:0:1:1)	Gidhni Range, Jhargram Division	-	20.08.2022, Released in Bandurvola Forest	-
27	26.08.2022	Parakeet (0:0:4:4)	Medinipur Range, Medinipur Division	-	-	Injured, kept for better treatment
28	15.09.2022	Common Langur (1:0:0:1)	Gidhni Range, Jhargram Division	-	-	Kept for Better Treatment
29	02.10.2022	Rhesus Macaque (0:1:0:1)	Jhargram range, Jhargram Division	-	-	Kept For Better Treatment

30	26.10.2022	Water Monitor Lizard (0:0:5:5)	Hijli Range, Kharagpur Division	-	-	Expired, Post Mortem Done
31	05.11.2022	Spectacled Cobra (0:0:2:2)	Jhargram Range, Jhargram Division	-	25.12.2022, Released in Bandurvola Forest	-
32	30.11.2022	Sand Boa (0:0:2:2)	Bandurvola Beat, Jhargram range	-	25.12.2022, Released in Bandurvola Forest	-
33	22.12.2022	Monocled Cobra (0:0:2:2)	Belpahari Range, Jhargram range	-	25.12.2022, Released in Bandurvola Forest	-
34	02.02.2023	Parakeet (0:0:2:2)	Medinipur Range, Medinipur Division	-	Soft released in Bandurvola Forest	-
35	10.03.2023	Spotted Deer (0:1:0:1)	Humgarh Range, Rupnarayan Division	-	-	Expired on 25.03.2023, Post Mortem Done
36	28.03.2023	Elephant (1:0:0:1)	Gopgarh Range, Medinipur Division	-	-	Expired on 13.04.2023, Post Mortem Done

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

Sl. No.	Animal Name	Scientific Name	Opening Stock As on 01.04.2022			Birth			Acquisition			Disposal			Death			Closing Stock as on 31.03.2023			
			M	F	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
Reptile																					
1.	Python Indian	<i>Python molorus</i> (Linnaeus, 1758)	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.	Monitor Lizard	<i>Varanus bengalensis</i> (Daudin, 1802)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.	Turtle Indian Soft Shell	<i>Lissemys punctata punctata</i> (Lacepede, 1788)	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.	Turtle Spotted Pond	<i>Geoclemys hamiltonii</i> (Gray, 1831)	-	-	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.	Tricarinate Hill Turtle	<i>Melanochelystricarinata</i> (Blyth, 1856)	-	-	18	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.	Cobra Indian /Monocellate	<i>Naja najakaouthia</i> Lesson, 1831	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.	Cobra Indian /Spectacled Cobra	<i>Naja naja</i> (Linnaeus, 1758)	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.	Viper Russel's	<i>Daboia russelii</i> (Shaw & Nodder, 1797)	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			-	-	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exotic Species:

Sl. No.	Animal Name	Scientific Name	Opening Stock As on 01.04.2022			Birth			Acquisition			Disposal			Death			Closing Stock as on 31.03.2023			
			M	F	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
Birds																					
1.	Cockatiel	<i>Nymphicus Hollandicus</i> (Drr 1792)	-	-	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.	Finches	<i>Taeniopygia guttata</i> (Reichenbach 1862)	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			-	-	18	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Other than Endangered Species

Sl. No.	Animal Name	Scientific Name	Opening Stock As on 01.04.2022			Birth			Acquisition			Disposal			Death			Closing Stock as on 31.03.2023			
			M	F	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
Birds																					
1.	Lesser Adjutant	<i>Leptoptilos javanicu</i>	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2.	Red Breasted Paraket	<i>Psittacula alexandri</i>	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
3.	Paraket Large Indian/Alexandrine Paraket	<i>Psittacula eupatria</i>	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
4.	Rose Ring Parakeet	<i>Psittacula krameri</i>	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
5.	Red Jungle Fowl	<i>Glaus glaus</i>	5	6	11	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	15
6.	Lady Amhersts	<i>Chrysolophus amherstiae</i>	-	-	-	-	-	-	2	1	-	-	-	-	1	-	-	-	-	-	2
7.	Black Headed Munia	<i>Lonchuramalaca</i>	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.	Spotted Munia	<i>Lonchurapunctulata</i>	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
9.	Emu	<i>Dromaius novahollandiac</i>	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Total			8	8	17	33	4	4	2	1	1	4	1	9	13	13	35	35	35	35	35
Mammal																					
1	Spotted Deer / chital	<i>Axis axis (Erxleben 1777)</i>	43	47	-	90	7	9	-	-	-	-	-	-	-	-	-	-	-	-	5
2	Striped Hyna	<i>Hyaena hyaena (Linnaeus 1758)</i>	2	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
3	Nilgai/ Blue Bull	<i>Boselaphus tragucamelus (Pallas 1766)</i>	10	17	-	27	2	4	-	-	-	-	-	-	1	3	-	-	-	-	29
4	Barking Deer	<i>Muntiacus muntjase (Zimmermann 1780)</i>	5	14	-	19	3	5	-	-	-	-	-	-	-	2	-	-	-	-	25
5	Sambar Deer	<i>Cervus unicolor</i>	4	2	-	6	1	-	-	-	-	-	-	-	-	1	-	-	-	-	6
6	Porcupine Brush Tailed / Bengal/Indian crested	<i>Hystrix indica Kerr, 1792</i>	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Total			64	82	2	148	1	18	3	3	11	11	11	76	89	2	167	167	167	167	167
Reptile																					
1	Tortoise Indian Star	<i>Geochelone elegans (Schoepf 1801)</i>	-	-	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Total			-	-	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11

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	Indian Palm Civet	<i>Paradoxurus hermaphrodites</i> (Pallas, 1777)	Female	05.04.2022	Cardiac Failure due Hypovolumic Stress
2	Indian Wolf	<i>Canis lupus pallipes</i>	Female	24.04.2022	Hypovolumic shock resulting from blood loss due to multiple injuries
3	Barking Deer	<i>Muntiacus muntjse</i> (Zimmermann 1780)	Female	13.05.2022	Cardiac respiratory failure owing from Pneumonia
4	Golden Pheasant	<i>Chrysolophus pictus</i>	Female	21.05.2022	Respiratory failure resulting from Pulmonary congestion
5	Peafowl	<i>Pavo cristatus</i> (Linnaeus, 1758)	Male	22.06.2022	Cardiac Arrest owing from sonelity
6	Finch	<i>Taeniopygia guttata</i> (Reichenbach 1862)	U/D	01.07.2022	Respiratory failure resulting from pulmonary congestion
7	Nilgai	<i>Boselaphus tragucamelus</i> (Pallas 1766)	Female	02.08.2022	Cardiorespiratory failure resulting from massive bloat
8	Nilgai	<i>Boselaphus tragucamelus</i> (Pallas 1766)	Female	12.08.2022	Cardiorespiratory failure owing from Pneumonia
9	Munia	<i>Lonchuramalaca</i>	U/D	02.09.2022	Hypovolumic resulting to cardiac failure
10	Munia	<i>Lonchura malaca</i>	U/D	02.09.2022	Hypovolumic resulting to cardiac failure
11	Kalij Pheasant	<i>Laphura leucomelana</i> (Latham, 1790)	Male	03.09.2022	Shock resulting from Septicaemia
12	Munia	<i>Lonchura malaca</i>	U/D	04.09.2022	Respiratory failure due to excessive pulmonary congestion
13	Lady Amhersts Pheasant	<i>Chrysolophus amherstiae</i>	Male	07.09.2022	Died due to Acute Enteritis
14	Kalij Pheasant	<i>Laphura leucomelana</i> (Latham, 1790)	Male	11.09.2022	Respiratory failure resulting from Excessive pulmonary Infection
15	Emu	<i>Dromaius novachollandiac</i>	U/D	07.10.2022	Hypovolumic Shock resulting from haemorrhage form multiple injury

16	Finch	<i>Taeniopygia guttata</i> (Reichenbach 1862)	U/D	11.10.2022	Respiratory Failure resulted from Excessive Pulmonary infection
17	Nilgai	<i>Boselaphus tragucamelus</i> (Pallas 1766)	Male	30.10.2022	Cardio respiratory failure resulting from massive bloat
18	Spotted Deer	<i>Axis axis</i> (Erxleben1777)	Female	01.11.2022	Hypovolumic shock resulting from infighting
19	Nilgai	<i>Boselaphus tragucamelus</i> (Pallas 1766)	Female	05.11.2022	Shock owing to internal haemorrhage resulting from infighting
20	Barking Deer	<i>Muntiacus muntjse</i> (Zimmermann1780)	Female	16.12.2022	Respiratory Failure
21	Peafowl	<i>Pavo cristatus</i> (Linnaeus, 1758)	Male	05.01.2023	Respiratory Failure resulted from Excessive Pulmonary infection
22	Spotted Deer	<i>Axis axis</i> (Erxleben1777)	Female	18.01.2023	Cardiac failure resulting from sonelity
23	Sambar Deer	<i>Axis axis</i> (Erxleben1777)	Female	24.01.2023	Hypovolumic shock resulting from infighting
24	Indian Wolf (Puppy)	<i>Canis lupus pallipes</i>	Female	31.01.2023	Become weak and Debiliated cardiac failure
25	Spotted Deer	<i>Axis axis</i> (Erxleben1777)	Female	01.02.2023	Cardiac Respiratory Failure
26	Spotted Deer	<i>Axis axis</i> (Erxleben1777)	Female	22.02.2023	Cardiac Respiratory Failure
27	Spotted Deer	<i>Axis axis</i> (Erxleben1777)	Female	25.02.2023	Cardiac Respiratory Failure owing from pulmonary Pneumonia

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



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

29. Security plan :

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

31. Works to be done:

- a. Nil


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