

**MAHARAJA MARTAND SINGH JUDEO
WHITE TIGER SAFARI AND ZOO
MUKUNDPUR SATNA (M.P.)**

Annual Report for the year
2020-21



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1. **Report of the Officer-in-charge:**

The Maharaja Martand Singh Judev White Tiger Safari and Zoo Mukundpur Satna was established with an objective of creating awareness among the common people for conservation of wildlife, give the rewarding experience to the visitors about the wildlife and provide a place for wild animal rescue in this region. The zoo management has been working with a goal to fulfill the objectives. This year due to Covid-19 pandemic the zoo remained close for almost three months and no educational or awareness activities were conducted.

This year 14 animals of 08 species were rescued, out of which 10 animals were released in the natural habitat, one died and the rest 03 which were not fit to release in the wild are kept in the zoo.

Since this zoo is in the natural forest area we receive lot of leaf litter and other fallen plant materials. To utilize this waste in an effective way, the vermi compost and green compost pits have been made. These pits are not only helping in keeping the premises clean but also providing the bio manure for the nursery of 52 beds. This nursery is fulfilling the demand of various plants which are needed for the beautification of the zoo premises and to improve the bio diversity of the area.

The number of visitors has increased and on special days the number goes very high. This year on 1st January, we received record 12771 numbers of visitors and the whole event was managed by the Zoo team without any chaos. This year due to pandemic, the numbers of visitors reduce then last year but still 186355 visitors visited the zoo and total Rs. 9101410 of revenue is generated.

The grassland has also been developed inside the zoo boundary to supply the green fodder to the herbivores housed in the Zoo.

The different trainings and workshop organised during the year were attended by the nominated zoo members.

History of the Zoo :

The Maharaja Martand Singh Judeo white tiger safari and zoo is located in the Mukundpur of Satna district of Rewa division. The zoo is 15 km far from Rewa and 55 km far from Satna. Rewa is a city in the north-eastern part of Madhya Pradesh state in India. It is the administrative centre of Rewa District and Rewa Division In nearby Sidhi district, a part of the erstwhile princely state of Rewa, and now a part of Rewa division, the world's first white tiger, "**Mohan**" a mutant variant of the Bengal tiger, was reported and captured. To bring the glory back and to create awareness for conservation, a white tiger safari and zoo is established in the region.



Geographically it is one of the unique region where White Tiger was originally found. The overall habitat includes tall trees, shrubs, grasses and bushes with mosaic of various habitat types including woodland and grassland. It is an ideal site and zoo is developed amidst natural forest. It spreads in area of 100 hectare of undulating topography. The natural stream flows from middle of the zoo and the perennial river Beehad flows parallel to the northern boundary of the zoo. The natural forest with natural streams, rivers and water bodies not only makes the zoo aesthetically magnificent but also provides natural environment to the zoo inmates. The zoo was established in June 2015 and opened for the public in April 2016.

2. Vision:

The Zoo at Mukundpur will provide rewarding experience to the visitors not about the local wildlife but also of India. The exhibits care and awareness will be of such level to promote conservation of wildlife. The Zoological Park will endeavour to breed the endangered species in a planned manner for display, exchange and rehabilitation in the wild. This zoo will be a showcase of nature for the visitors.

3. Mission:

This Zoological Park intends to complement the national efforts in conservation of wildlife through planned breeding of endangered species and to develop empathy among visitors for wild animals.

4. Objective:

The zoo shall work for the conservation of the rich bio-diversity of the state to the following objectives:

- To create amongst the visitors empathy towards wild animals through appreciation and better understanding.
- Conservation breeding of endangered species of wild animals, available within the bio-geographical range.
- To provide housing and upkeep to the orphaned animals of endangered species rescued from the wild.
- To collect and collate the scientific data on the biology, behavior and health care of various species of wild animals housed in the zoo and use the same in future management of the zoo.
- To assist in conservation of the in-situ population of various species of endangered animals and their habitat by sensitizing the people.
- To establish a small research centre for identification and cultivation of various species of medicinal plants naturally occurring in adjoining forest areas.
- Recreation for the purpose of providing wholesome, healthy and educational activity to a large number of people by utilizing the outdoor natural setting without detriment to any of the preceding objectives.

About us

S.No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	Maharaja Martand Singh Judeo White Tiger Safari and Zoo, Mukundpur, Satna (M.P.)
2	Year of Establishment	2016
3	Address of the Zoo	Bela Govindgarh Road, Mukundpur, Satna (Madhya Padesh)
4	State	Madhya Padesh
5	Telephone Number	8319048432
6	Fax Number	-----
7	E-mail address	dirzoomukundpur@mp.gov.in whitetigersafarirewa@gmail.com
8	Website	www.whitetigersafari.in
9	Distance from nearest	Airport: 15 kms (Chorhata air strip)
		Railway Station: 17 kms (Rewa Station)
		Bus Stand: 18 kms (Rewa)
10	Recognition Valid up to (Date)	19-08-2021
11	Category of zoo	Mini
12	Area (in Hectares)	100
13	Number of Visitors (Financial Year)	Adult :
		Children : 1046
		Total Indian :186352

S.No.	Particulars	Information
		Total Foreigners :03
		Total Visitors: 186355
14	Visitors' Facilities Available in Zoo	<ul style="list-style-type: none"> • Drinking RO water (06) • Vehicle Parking (02) • Toilets at convenient locations (05) • Wheel chairs & ramps for differently abled persons • Rest areas / sit-outs / visitors' sheds at various locations. • Cloak room near the entrance gate. • First-aid (at entrance gate) • Emission free battery operated vehicles.(06) • Children Park and Public Garden • Souvenir shop • Kiosk Centre • Air conditioned vehicles for Mohan white tiger safari visit • Air conditioned exhibit gallery • Shed development in viewers area, parking area and waiting area.
15	Weekly Closure Day of the Zoo	Wednesday
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Mr. Sanjay Raykhere (ACF)
	Name of the Veterinary Officer	Dr. Rajesh Tomar
	Name of the Curator	Mr. Nitesh Gangele (Range Officer)
	Name of the Biologist	-----
	Name of the Education Officer	-----
	Name of the Compounder/ Lab Assistant	-----

S.No.	Particulars	Information
Owner / Operator of the Zoo		
17	*Name of the Operator	H.S. Mohanta (IFS)
18	Address of the Operator	Secretariat, MP Govt. Vallabh Bhawan Bhopal
19	Contact details/Phone number of Operator	0755-2579747
20	E-mail address of Operator	secyforest@mp.gov.in

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

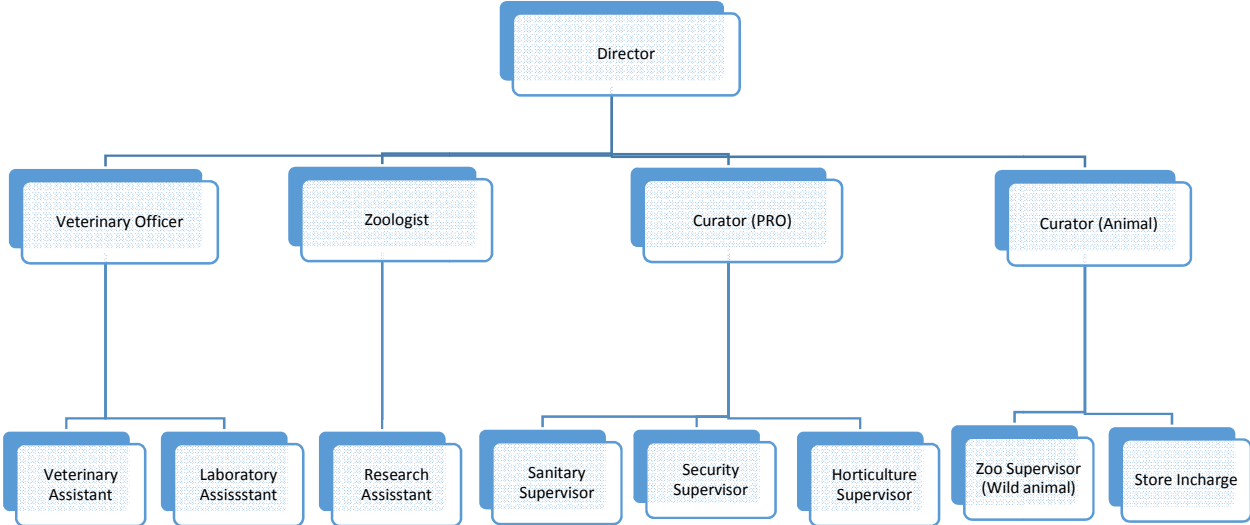
“Zoo Operator” means the person who has ultimate control over the affairs of the zoos provided that_____

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.

5. Organizational Chart



6. Human Resources

Manpower of the Zoo

Sl.No.	Designation	No. of Sanctioned Posts	Names of the incumbent
1	Assistant Conservator of Forest	1	Mr. Sanjay Raykhere
2	Veterinary Officer	1	Dr. Rajesh Tomar
3	Veterinary Assistant	1	Vaccant
4	Range Officer	2	Mr. N. K.Gangele
5	Zoologist	1	Vaccant
6	Education Supervisor (Deputy Ranger)	1	Vaccant
7	Research Assisstant	1	Vaccant
8	Laboratory Assisstant	1	Vaccant
9	Head Clerk	1	Vaccant
10	Accountant	1	Vaccant
11	LDC	1	Vaccant
12	Forester	05	1. Mr. Ashok Khare (Dy. Ranger) 2. Mr. Durgendra Prasad Vajpayi 3. Mr. Rajendra Prasad Mishra
13	Forest Guard	12	1. Mr. Pradeep Shukla 2. Mr. Kaleem Khan 3. Mr. Vijay Kumar Saket 4. Mr. Satendra Pratap Singh 5. Mr. Ravi Kumar Pandey 6. Mr. Laxman Singh Parihar 7. Mr. Manish Dwivedi 8. Mr. Lokesh Dubey 9. Mr. Akash Shukla 10. Mr. Vishnukant Mishra 11. Mr. Abhisek Vishwakarma 12. Mr. Nageshwar Gautam 13. Mr. Rajkishore Prajapati 14. Mr. Ravishankar Kol
14	Assistant Keeper	4	1. Mr. Pramod Sharan Shukla 2. Mr. Vibhuti Narayan Dubey 3. Mr. Santosh Kumar Saket 4. Mr. Sandeep Kumar Verma
15	Chowkidaar	7	1. Mr. Raghvendra Tiwari 2. Mr. Ravishankar Kol 3. Mr. Rajesh Kol 4. Mr. Vijay Kumar Namdeo 5. Mr. Ajay Saket
16	Sanitary Assistant	3	1. Mr. Sandeep kumar Maitre 2. Mr. Mahesh kumar Saket
17	Skilled/ trained Labour	3	1. Mr. Ghanshyam Tiwari 2. Roshan Lal Manjhi
18	Gardener	3	1. Mr. Satyaprakash Chaturvedi 2. Mr. Vimlesh kushwaha 3. Mr. Ramsunder Saket

19	Veterinary Hospital Guard	2	1. Mr. Brajesh Mishra 2. Mr. Pappu kol
20	Peon	2	1. Mr. Deshbandhu Tripathi 2. Mr. Suneel Bhujwa
21	Computer Operator	2	1. Mr. Shobhnath Prajapati 2. Mrs. Vibha Pathak 3. Pushpinder kumar Tripathi

7. Capacity Building of zoo personnel

Sr. No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
01	Mr. Sanjay Raykhere (Director Zoo)	Regional Wildlife Rescue Squad Workshop	02 Days (23/11/2020 to 25/11/2020)	Kanha Tiger Reserve, Mandla (Madhya Pradesh)
	Dr. Rajesh Tomar (Veterinary Officer)			
	Mr. Kaleem Khan (Rescue squad member)			
	Mr. Pappu Kol (Rescue squad member)			
	Mr. Rajneesh Kol (Driver, Rescue Squad)			
02	Dr. Rajesh Tomar (Veterinary Officer)	Refresher Training (Virtual Mode) on Wildlife Health Management for Veterinary Professionals	01 day (13/02/2021)	CZA
03	Mr. Satendra Pratap Singh	Reptile Management (Online mode)	03 days (15/03/2021-17/03/2021)	Indira Gandhi Zoological Park, Vishakha pattnam
	Mr. Kaleem Khan			

8. Zoo Advisory Committee – Not constituted till now.

a. Date of constitution

b. Members

c. Dates on which Meetings held during the year

9. Health Advisory Committee– Not constituted till now.

a. Date of constitution

b. Members

c. Dates on which Meetings held during the year

10. Statement of income and expenditure of the Zoo – Attached as annexure 1

11. Daily feed Schedule of animals

Sl.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
Sl.No.	Species	Feed item	Quantity	Day of fasting	
			Winter	Summer	
1.	Tiger (Male)	Buffalo meat	12 k g	10 kg	Wednesday
2	Tiger (Female)	Buffalo meat	10 k g	8 kg	Wednesday
3.	Leopard (male)	Buffalo meat	4 k g	4 kg	Wednesday
4.	Leopard (female)	Buffalo meat	3.5 k g	3.5 kg	Wednesday
5.	Lion (male)	Buffalo meat	10 k g	8 kg	Wednesday
6.	Lion (Female)	Buffalo meat	08 k g	07 kg	Wednesday
7.	Sloth Bear	Cooked mix of varieties of flour. Wheat (150 gm) (Corn, Barley, Sorghum , 75 gm each)+ Millet Flour (160 gm)	Cooked with water	Same Diet	No Fasting
		Honey	100 gm		
		Dates	100 gm		
		Salt	10 gm		
		Egg	01		
		Vegetables	150 gm		
		Fruits	1 kg		
		Cooked wheat daliya	350 gm		
		Banana	01		
		Peanut	100 gm		
		Roasted Gram	50 gm		
		Dry Coconut	150 gm		
		Jaggery	100 gm		
8.	Chital	Green fodder + grass + tree leaves	5.5 k g	Same Diet	No Fasting
		Compound feed+ Salt+ Mineral mixture	500 g	Same Diet	
		Wheat Straw	500 g	Same Diet	
		Chuni	100 g	Same Diet	

9.	Black buck	Green fodder + grass + tree leaves	4.4 k g	Same Diet	No Fasting
		Compound feed+ Salt+ Mineral mixture	400 g	Same Diet	
		Wheat Straw	400 g	Same Diet	
		Chuni	100 g	Same Diet	
10.	Sambar	Green fodder + grass + tree leaves	16 kg	Same Diet	No Fasting
		Compound feed+ Salt+ Mineral mixture	1 k g	Same Diet	
		Wheat Straw	2 k g	Same Diet	
		Chuni	200 g	Same Diet	
		Readymade cattle feed	500 g	Same Diet	
11.	Thamin Deer	Green fodder + grass + tree leaves	4.5 kg	Same Diet	No Fasting
		Compound feed+ Salt+ Mineral mixture	1 k g	Same Diet	
12	Hog Deer	Green fodder + grass + tree leaves	1.5 kg	Same Diet	No Fasting
		Compound feed+ Salt+ Mineral mixture	600 g	Same Diet	
13	Swamp Deer	Green fodder + grass + tree leaves	6.5 kg	Same Diet	No Fasting
		Compound feed+ Salt+ Mineral mixture	1 kg	Same Diet	
14	Barking Deer	Green fodder + grass + tree leaves	1.5 kg	Same Diet	No Fasting
		Compound feed+ Salt+ Mineral mixture	400 g	Same Diet	
15	Blue Bull (Neelgai)	Green fodder + grass + tree leaves	11 kg	Same Diet	No Fasting
		Compound feed+ Salt+ Mineral mixture	1 kg	Same Diet	

12. Vaccination Schedule of animals

S.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
01	Tiger	Feline Pan Leucopaenia	Fel-O-Vac	Annual	
02	Leopard	Feline Pan Leucopaenia	Fel-O-Vac	Annual	
03	Sloth Bear	Canine Distemper, Parvo Virus Infection, Infectious canine Hepatitis, Leptospirosis and Rabies	DHPPI+RL	Annual	The vaccination schedule followed by the donor zoo is still in practise

13. De-worming Schedule of animals

S..No.	Species	Drug used	Month
01	Tiger	Albendazole / Fenbendazole/ Ivermectin (Either of the drug is used alternatively)	Every 04 months
02	Leopard	Albendazole/Praziquantal+ Pyrantal Paomate+ Fenbendazole combination / Fenbendazole/ Ivermectin (Either of the drug is used alternatively)	Every 04 months
03	Sloth Bear	Albendazole/Praziquantal+ Pyrantal Paomate+ Fenbendazole combination / Fenbendazole/ Ivermectin (Either of the drug is used alternatively)	Every 04 months

14. Disinfection Schedule

Sl.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
01	Tiger	Night House and Cell	Lyzol for floor mopping	Daily
			Acid Solution	Weekly
		Foot Dip	Potassium Per magnate	Daily
			Flame Gun	Fortnightly
02	Leopard	Night House and Cell	Lyzol for floor mopping	Daily
			Acid Solution	Weekly
		Foot Dip	Potassium Per magnate	Daily
			Flame Gun	Fortnightly
03	Sloth Bear	Night House and Cell	Lyzol for floor mopping	Daily
			Acid Solution	Weekly
		Foot Dip	Potassium Per magnate	Daily
			Flame Gun	Fortnightly

* Detailed cleaning and disinfection schedule is attached as annexure 2

15. Health Check-up of employees for zoonotic diseases:- Not done due to pandemic (Covid-19)

16. Development Works carried out in the zoo during the year:

1) Grass Land Development: Since in this area the summers are very hot and it becomes very difficult to procure the green fodder for herbivores in summer season. To get rid of this problem, this year we developed a grass land inside the zoo premises to ensure the constant supply of green fodder to the wild herbivores even during the crisis period.



2) Maintaining the established Green Compost and Vermi Compost pits: To run the nursery in an organic manner and to utilize the fallen leaves and other plant biomass, the bio compost and vermi compost pits have been developed. This not only helps in keeping the premises clean, in reducing the fuel load from forested area especially during summer and provides organic manure for nursery and grassland which in turn allows the small fauna like butterflies and other small insects to flourish.



GREEN COMPOST PIT



VERMI COMPOST PITS

3) Plant Nursery Development: The entire landscape of zoo and safari is a natural forest with the dominance of Teak and Elephant apple trees. To increase the biodiversity and for the beautification of zoos, a nursery of 45 beds with many flowering trees, different varieties of climbers and hedge and big trees have been developed.



17. Education and Awareness programmes during the year: - Due to Covid-19 Pandemic no Education and Awareness activities conducted during year 2020-21

18. Important Events and happenings: - Due to Covid-19 Pandemic no Events were organized during year 2020-21

19. Seasonal special arrangements for upkeep of animals:

For winter seasons, the hot air blowers are used in night houses to keep the cell warm. The window panels kept closed in night but the fresh air circulation is maintained through ventilation system. As summer is very hot in this region, every attempt is made inside the night house as well as the display area (arena) to reduce the summer stress. The air coolers are installed in the night house and cell. To reduce the effects of high temperature in arena the following arrangements have been made.

1) Construction of Thatch Shed: Thatch sheds are made in the display area of all the animals (carnivores and herbivores) and the water is sprinkled every morning under these sheds to keep the animal comfortable during tough summer season.



20. Research Work carried out and publications.

21. Conservation Breeding Programme of the Zoo.

This zoo is not a part of any conservation breeding programme

22. Animal acquisition / transfer / exchange during the year

A.	Animals arriving in the Zoo				
	H.NO.	Species	Number (M:F)	From which Zoo	Date of arrival in the zoo
	NIL				
B.	Animals going from the zoo				
	H.No.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
	NIL				

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

S. No.	Date of Rescue	Species with number of animals rescued with their sex (M: F:U:T)	Received / Rescued 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
01	22/04/2020	Leopard	Pathar Kachar	22/04/2020	22/04/2020 Beat Mudiadev, Baraundha	
02	13/05/2020	Hyaena	Range Singhpur			Animal had severe neck injury due to the snare. Animal kept in zoo for the treatment. Stayed in rescue centre for long period therefore not fit to release in the wild.
03	16/05/2020	Sambar	Ramnagar Range Amarpatan		16/05/2020, In nearby forest (Salaura)	
04	24/05/2020	Jackal	Paipkhara, Range Satna	06/06/2019		Animal was seriously ill and paralysed and needed treatment.
05	24/06/2020	Sloth Bear	Urmani, Range Manjhawan		24.06.2020 Given safe passage towards the forest area	
06	10/08/2020	Langur	Luthoti, Range Maihar		10.08.2020 Released in the Forest	
07	14/08/2020	Cheetal	Barha, Range Baraundha	14/08/2020		Animal was hand reared by the villagers
08	12/09/2020	Cheetal	Satna		12/09/2020, Given safe passage to Nearby forest.	
09	06/11/2020	Common Leopard	Dhaniya, Range Uchhera			Animal died during treatment
10	31/01/2021	Macaque	Uchhera, Range Amarpatan		31.01.2021, Released in nearby forest area	
11	07/02/2021	Sloth Bear	Pratapur Range Majhgawan		07.02.2021, Released in nearby forest area	
12	07/02/2021	Common Leopard	Chautarha Range Nagoud		07.02.2021, Released in nearby forest area	
13	24/02/2021	Langur	Range Uchhera		24.02.2021, Released in forest area	

14	26/03/2021	Macaque	Anandgarh, Range Mukundpur		26.03.2021, Released in forest area	
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24. Annual Inventory of animals

Form – II
[See Rule 11(1)]

Part – A

Inventory Report for the Year : 2020-2021

Endangered Species*

S.No.	Animal Name	Scientific name	Opening Stock as on 01-04-2020				Births			Acquisition			Disposal			Death			Closing Stock as on 31-03-2021			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
01	Tiger	<i>Panthera tigris</i>	4	2	0	6	0	0	0	0	0	0	0	0	0	2	1	0	2	1	0	3
02	White Tiger	<i>Panthera tigris</i>	2	2	0	4	0	0	0	0	0	0	0	0	1	0	0	1	2	0	3	
03	Leopard	<i>Panthera pardus</i>	1	3	0	4	0	0	0	0	1	0	0	0	0	0	0	1	4	0	5	
04	Sloth Bear	<i>Melursus ursinus</i>	2	1	0	3	0	0	1	0	0	0	0	0	0	0	0	2	1	1	4	
05	Black Buck	<i>Antelope cervicapra</i>	5	6	3	14	0	0	2	0	0	0	0	0	0	0	0	6	7	3	16	
06	Asiatic Lion	<i>Panthera Leo</i>	1	2	0	3	0	0	2	0	0	0	0	0	1	2	0	1	1	0	2	
07	Thamin Deer	<i>Cervus eldi</i>	3	1	2	6	0	0	0	0	0	0	0	0	0	0	0	3	2	0	6	
08	Black Buck(Albino)	<i>Antelope cervicapra</i>	1	1	0	2	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	
09	Swamp Deer	<i>Rucervus duvaucelii</i>	1	3	0	4	0	0	0	0	0	0	0	0	0	0	0	1	3	0	4	
Total			20	21	5	46	0	0	5	0	1	0	0	0	4	4	0	19	21	4	44	

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

Part – B

Other than Endangered Species

S.No	Animal Name	Scientific name	Opening Stock as on 01-04-2020				Births			Acquisition			Disposal			Death			Closing Stock as on 31-03-2021			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
01	Spotted Deer	<i>Axis axis</i>	5	18	9	32	0	0	4	0	0	0	0	0	0	0	0	7	18	11	36	
02	Wild Pig	<i>Sus scrofa</i>	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	
03	Sambar	<i>Cervus unicolor</i>	3	3	2	8	0	0	1	0	0	0	0	0	0	0	0	4	4	1	9	
04	Barking Deer	<i>Muntiacus muntjac</i>	2	9	0	11	0	0	0	0	0	0	0	0	0	0	0	2	9	0	11	
05	Nilgai	<i>Boselaphus tragocamelus</i>	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	

06	Hog Deer	<i>Axis porcinus</i>	1	3	0	4	0	0	1	0	0	0	0	0	0	1	1	0	2	1	0	3
Total			16	34	11	61	0	0	6	0	0	0	0	0	0	1	1	0	18	34	13	65

*The part A and Part B of the inventory also includes the rescued animal which are housed in zoo after getting permission from the CWLW, Bhopal

25. Mortality of animals

S.No.	Animal Name (with individual identification mark, if any)	Scientific Name	Sex	Date of Death	Reason of Death as per the Post-mortem report
01	Hog Deer	<i>Axis porcinus</i>	Male	20/04/2020	Chronic caseous lymphadenitis
02	Tiger	<i>Panthera tigris</i>	Female	22/04/2020	Bilateral Renal failure
03	Tiger	<i>Panthera tigris</i>	Male	16/05/2020	Multiple organ failure due to septicaemia
04	Lion	<i>Panthera leo</i>	Female	19/06/2020	Haemorrhagic Pneumonia
05	Hog Deer	<i>Axis porcinus</i>	Female	17/07/2020	Chronic caseous lymphadenitis
06	Black Buck (Albino)	<i>Antelope cervicapra</i>	Male	01/08/2020	Pneumonia
07	Lion (Cub)	<i>Panthera leo</i>	Female	02/10/2020	Congenital defect
08	Lion (Cub)	<i>Panthera leo</i>	Male	02/11/2020	Acute Nephritis
09	White Tiger	<i>Panthera tigris</i>	Male	23/12/2020	Respiratory failure and Hypovolaemia
10	Tiger	<i>Panthera tigris</i>	Male	31/12/2020	Haemorrhagic gastroenteritis

26. Compliance with conditions stipulated by the Central Zoo Authority

Sr. No	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Comply	Status with regard to compliance of the conditions
1. General requirements:				
1	10.5(5)	The Solid waste of animal origin is presently burnt in a pit. It leads to emission of Green House Gases in the atmosphere. The incineration system may be installed as and when budget is available.	<u>Two years</u>	Could not be done due to unavailability of budget.
2. Administrative and staffing pattern:				
2	10.2(1)	The DFO Satna is having DDO power at present, but Forest Department has moved so that the DDO power is vested with the Director of Mukundpur Zoo. This should be in compliance with the RZR, 2009,	<u>Six month</u>	DDO code has been issued.
3	10.2(2)	The Education officer and the Biologist should be appointed in the Zoo.	<u>Two years</u>	The information regarding the vacant post has been sent to the higher office

3. Development and Planning:				
4	10.3(3)	Although pucca buildings constructed in the Zoo premises merge with the environment, yet it is suggested that these building should be painted in sand stone colour in future.	Next due date	Complied
5	10.3(7)	Presently rescue facility is available for only large carnivores. facilities for small carnivores, mammals, birds, primates and reptiles may also be developed in due course.	As and when fund is available	Could not be done due to unavailability of fund.
4. Animal housing, display of animals and animal enclosures:				
6	10.4(2)	Every night house has four cells and one Kraal. Additional Kraal can be constructed for treatment more than one animal simultaneously.	In due course	Complied.
7	10.4(10)	Interpretation centre and Library facility should be developed.	As early as possible	Not complied due to unavailability of budget.
6. Veterinary and infrastructure facilities:				
8	10.6(1)	Veterinary hospital can be equipped with X ray, USG Machine, auto analyser, Gas anaesthesia machine to upgrade the status. Also, qualified technician may be appointed to handle and operate the diagnostic equipment.	Whenever up gradation is considered	Up gradation not done
9	10.6(3)	The hospital is having ward facility to house big carnivores for treatment. similar facilities for small carnivores, herbivores, other mammals, birds, primates and reptiles should be constructed in due course.	As and when up gradation of hospital is thought of	Up gradation not done
10	10.6(6)	The Veterinary officer of the zoo should be deputed for training in Wildlife Pathology.	As early as possible	Complied
11	10.6(6)	The Director, the Curator and the Veterinary officer should be sent to others Zoos for exposure visit so that they can adopt good practices.	As and when it is possible	Complied.

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

A. Mammals

Sr.No.	Common Name	Scientific Name
1	JUNGLE CAT	<i>Felis chaus</i>
2	RHESUS MACAQUE	<i>Macaca mulatta</i>
3	RUDDY MONGOOSE	<i>Herpestes smithii</i>
4	INDIAN GREY MONGOOSE	<i>Herpestes edwardsi</i>
5	SMALL INDIAN CIVET	<i>Viverricula indica</i>
6	COMMON PALM CIVET	<i>Paradoxurus hermaphrodites</i>
7	INDIAN HARE	<i>Lepus nigricollis</i>
8	MADRAS TREE SHREW	<i>Anathana ellioti</i>
9	COMMON LANGUR	<i>Presbytis entellus</i>

B. Birds

Sr.No.	COMMON NAME	SCIENTIFIC NAME
1	INDIAN PEAFOWL	<i>Pavo cristatus</i>
2	WHITE-BREADED WATERHEN	<i>Amaurornis phoenicurus</i>
3	PURPLE SWAMPHEN	<i>Porphyrio porphyrio</i>
4	COMMON MOORHEN	<i>Gallinula chloropus</i>

5	BLACK-CROWNED NIGHT HERON	<i>Nycticorax nycticorax</i>
6	INDIAN POND HERON	<i>Ardeola grayii</i>
7	CATTLE EGRET	<i>Bubulcus ibis</i>
8	LITTLE EGRET	<i>Egretta garzetta</i>
9	INDIAN BLACK IBIS	<i>Pseudibis papiullosa</i>
10	LITTLE CORMORANT	<i>Microcarbo niger</i>
11	INDIAN CORMORANT	<i>Phalacrocorax fuscicollis</i>
12	RED-WATTLED LAPWING	<i>Vanellus indicus</i>
13	CRESTED SERPENT EAGLE	<i>Spilornis cheela</i>
14	SHORT-TOED SNAKE EAGLE	<i>Circaetus gallicus</i>
15	SHIKRA	<i>Accipiter badius</i>
16	BLACK-WINGED KITE	<i>Elanus caeruleus</i>
17	COMMON BARN OWL	<i>Tyto alba</i>
18	SPOTTED OWLET	<i>Athene brama</i>
19	FOREST OWLET	<i>Heteroglaux blewitti</i>
20	STORK BILLED KINGFISHER	<i>Plargopsis capensis</i>
21	WHITE THRATED KINGFISHER	<i>Halcyon smyrnensis</i>
22	PIED KINGFISHER	<i>Ceryle rudis</i>
23	COMMON KINGFISHER	<i>Alcedo atthis</i>
24	GREEN BEE EATER	<i>Merops orientalis</i>
25	INDIAN GREY HORNBILL	<i>Ocyeros birostris</i>
26	ASIAN KOEL	<i>Eudynamys scolopaceus</i>
27	ROSE RING PARAKEET	<i>Psittacula krameri</i>
28	PLUM HEADED PARAKEET	<i>P. cyanocephala</i>
29	SPOTTED DOVE	<i>Stigmatopelia chinensis</i>
30	INDIAN ROLLER	<i>Coracias bengalensis</i>
31	COMMON HOOPOE	<i>Upupa epops</i>
32	BLACK DRONGO	<i>Dicrurus marcocercus</i>
33	WHITE BELLIED DRONGO	<i>D. caerulescens</i>
34	ASHY DRONGO	<i>D. leucophaeus</i>
35	HOUSE CROW	<i>Corvus splendens</i>
36	SHORT-EARED OWL	<i>Asio flammeus</i>
37	INDIAN-EAGLE OWL	<i>Bubo bengalensis</i>
38	ROCK PIGEON	<i>Columba livia</i>
39	LAUGHING DOVE	<i>Streptopelia senegalensis</i>
40	GREATER COUCAL	<i>Centropus sinensis</i>
41	COMMON HAWK CUCKOO	<i>Hierococcyx varius</i>
42	COMMON CUCKOO	<i>Cuculus canorus</i>
43	INDIAN GREY HORNBILL	<i>Ocyeros birostris</i>
44	LESSER GOLDEN-BACKED WOODPECKER	<i>Dinopium benghalensis</i>
45	WHITE-NAPED WOODPECKER	<i>Chrysocolaptes festivus</i>
46	BROWN-CAPPED PYGMY WOODPECKER	<i>Dendrocopos moluccensis</i>
47	YELLOW-CROWNED WOODPECKER	<i>Dendrocopos mahrattensis</i>
48	BROWN-HEADED BARBET	<i>Psilopogon zeylanicus</i>
49	COPPERSMITH BARBET	<i>Psilopogon haemacephalus</i>
50	BLUE-TAILED BEE-EATER	<i>Merops philippinus</i>
51	BLUE - CHEEKED BEE- EATER	<i>Merops persicus</i>
52	STORK-BILLED KINGFISHER	<i>Pelargopsis capensis</i>
53	INDIAN PITTA	<i>Pitta brachyuran</i>
54	SMALL MINIVET	<i>Pericrocotus cinnamomeus</i>
55	COMMON WOODSHRIKE	<i>Tephrodornis pondicerianus</i>

56	LONG-TAILED SHRIKE	<i>Lanius schach</i>
57	RUFIOUS TREEPIE	<i>Dendrocitta vagabunda</i>
58	JUNGLE CROW	<i>Corvus macrorhynchos</i>
59	BLACK-HOODED ORIOLE	<i>Oriolus xanthornus</i>
60	JUNGLE BABBLER	<i>Turdoides striata</i>
61	COMMON IORA	<i>Aegithina tiphia</i>
62	PURPLE SUNBIRD	<i>Cinnyris asiaticus</i>
63	BAYA WEAVER	<i>Ploceus philippinus</i>
64	INDIAN SILVERBILL	<i>Euodice malabarica</i>
65	SCALY-BREASTED MUNIA	<i>Lonchura punctulata</i>
66	TRICOLOURED MUNIA	<i>Lonchura Malacca</i>
67	HOUSE SPARROW	<i>Passer domesticus</i>
68	YELLOW-THROATED SPARROW	<i>Gymnoris xanthocolis</i>
69	RED-RUMPED SWALLOW	<i>Cecropis daurica</i>
70	GREY WAGTAIL	<i>Motacilla cinerea</i>
71	CITRINE WAGTAIL	<i>Motacilla citreola</i>
72	COMMON TAILORBIRD	<i>Orthotomus sutorius</i>
73	TREE PIPIT	<i>Anthus trivialis</i>
74	ASHY-CROWNED SPARROW LARK	<i>Eremopterix griseus</i>
75	ASHY PRINIA	<i>Prinia socialis</i>
76	PLAIN PRINIA	<i>Prinia inornata</i>
77	CINEREOUS TIT	<i>Parus cinereous</i>
78	ORIENTAL WHITE-EYE	<i>Zosterops palpebrosus</i>
79	CHESTNUT-BILLED NUTHATCH	<i>Sitta castanea</i>
80	SIBERIAN STONECHAT	<i>Saxicola maurus</i>
81	BLACK REDSTART	<i>Phoenicurus phoenicurus</i>
82	INDIAN ROBIN	<i>Saxicoloides fulicatus</i>
83	ORIENTAL MAGPIE ROBIN	<i>Copsycus saularis</i>
84	WHITE-BROWN FANTAIL	<i>Rhipidura aureola</i>
85	INDIAN PARADISE FLYCATCHER	<i>Terpsiphone paradise</i>
86	TICKELL'S BLUE FLYCATCHER	<i>Cyornis tickelliae</i>
87	GREY-HEADED CANARY FLYCATCHER	<i>Culicicapa ceylonensis</i>
88	RED-VENTED BULBUL	<i>Pycnonotus cafer</i>
89	ASIAN PIED STARLING	<i>Gracupica contra</i>
90	BRAHMINY STARLING	<i>Sturnia pagodarum</i>
91	COMMON MYNA	<i>Acridotheres tristis</i>
92	BANK MYNA	<i>Acridotheres ginginianus</i>
93	ORANGE-HEADED THRUSH	<i>Geokichla citrine</i>
94	PAINTED STORK	<i>Mycteria leucocephala</i>
95	WOOLY NECKED STORK	<i>Ciconia episcopus</i>

C. Reptiles

Sr.No.	COMMON NAME	SCIENTIFIC NAME
1	MUGGER/CROCODILE	<i>Crocodylus palustris</i>
2	INDIAN ROOFED TURTLE	<i>Pangshura tecta</i>
3	INDIAN FLAPSHHELL TURTLE	<i>Lissemys punctata</i>
4	BROOK'S HOUSE GECKO	<i>Hemidactylus brookii</i>
5	YELLOW- GREEN HOUSE GECKO	<i>Hemidactylus flaviviridis</i>
6	ASIAN HOUSE GECKO	<i>Hemidactylus frenatus</i>
7	BARK GECKO	<i>Hemidactylus leschenautia</i>
8	INDIAN GARDEN LIZARD	<i>Calotes versicolor</i>

9	BLANFORD'S ROCK AGAMA	<i>Pssamophilus blanfordianus</i>
10	FAN-THROATED LIZARD	<i>Sitana ponticeriana</i>
11	COMMON SNAKE SKINK	<i>Lygosoma punctatus</i>
12	COMMON INDIAN SKINK	<i>Eutropis carinata</i>
13	COMMON INDIAN MONITOR	<i>Varanus bengalensis</i>
14	COMMON WORM SNAKE	<i>Ramphotyphlops brahinus</i>
15	BEAKED WORM SNAKE	<i>Gryphotyphlops acutus</i>
16	INDIAN ROCK PYTHON	<i>Python molurus</i>
17	COMMON SAND BOA	<i>Gongylophis conicus</i>
18	INDIAN RAT SNAKE	<i>Ptyas mucosa</i>
19	COMMON TRINKET SNAKE	<i>Coelognathus Helena Helena</i>
20	COMMON WOLF SNAKE	<i>Lycodon aulicus</i>
21	BARRED WOLF SNAKE	<i>Lycodon striatus</i>
22	BUFF STRIPED KEELBACK	<i>Amphiesma stolatum</i>
23	INDIAN GREEN KEELBACK	<i>Macropisthodon plumbicolor</i>
24	CHECKERED KEELBACK WATER SNAKE	<i>Xenochrophis piscator</i>
25	COMMON KUKRI SNAKE	<i>Oligodon arnensis</i>
26	BANDED RACER SNAKE	<i>Argyrogena fasciolata</i>
27	COMMON CAT SNAKE	<i>Boiga trigonata</i>
28	FORSTEN'S CAT SNAKE	<i>Boiga forsteri</i>
29	GREEN VINE SNAKE	<i>Ahaetulla nasutus</i>
30	SPECTACLED COBRA	<i>Naja naja</i>
31	COMMON KRAIT	<i>Bungarus caeruleus</i>
32	RUSSELL'S VIPER	<i>Daboia russelii</i>
33	INDIAN SAW-SCALED VIPER	<i>Echis carinatus</i>



Director

Maharaja Martand Singh Judeo
White Tiger Safari and
Zoo Mukundpur

Annexure - 1

12. Statement of income of the Zoo

01 April 2020 to 31 March 2021										
S.No	Month	Visitors No.	Amount Received From Visitors					Total Amount	Vehicle Parking Fees	Net Total Amount
			Zoo Entry Fees	Safari Fees	Battery operated vehicle Fees	Bicycle Fees	Filming Fees			
1	2	4	5	6	7	8		9	10	11
1	Apr-20	Nil	0	0	0	0	0	0	0	0
2	May-20	Nil	0	0	0	0	0	0	0	0
3	Jun-20	1082	20840	0	9600	60	0	30500	1755	32255
4	Jul-20	5637	109360	0	48500	1980	0	159840	9450	169290
5	Aug-20	5994	119670	7950	50000	600	0	178220	8355	186575
6	Sep-20	12742	246940	224000	107800	2220	0	580960	15400	596360
7	Oct-20	18641	364860	293250	162200	150	0	820460	23060	843520
8	Nov-20	18486	373660	354650	194900	420	0	923630	26215	949845
9	Dec-20	28021	583670	591150	307650	0	0	1482470	61910	1544380
10	Jan-21	53903	826230	778600	349750	0	0	1954580	85565	2470055
11	Feb-21	24744	480030	538800	308600	0	0	1327430	51140	1378570
12	Mar-21	17105	329560	340100	225700	0	0	895360	35200	930560
Total -		186355	3454820	3128500	1764700	5430	0	8353450	318050	9101410

12. Statement of Allotment and expenditure of the Zoo

S.No	Financial year	Allotment	Expenditure
1	2011-12	2499987	2499987
2	2012-13	55459025	55459025
3	2013-14	96267526	96267526
4	2014-15	124347303	124347303
5	2015-16	109815375	109815375
6	2016-17	58438486	57893308
7	2017-18	88659358	87344867
8	2018-19	10828800	10170585
9	2019-20	56835360	26394670
10	2020-21	26986678	26986678
Total -		630137898	597179324

WEEKLY PROTOCOL					
Hot Water Scrubbing					
Disinfectant used for cleaning					
Washing with Plain Water					
Cleaning and white wash of Saucers					
Cleaning of roof, windows and removal of spider web					
Signature and Name					
FORTNIGHTLY PROTOCOL					
Flame Gun Use					
Use of Anhydrous lime for kraal cleaning (SOS)					
Signature and Name					

Invigilator's Report

S.No.	Name Of Enclosure	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
01	Yellow Tiger																															
02	White Tiger																															
03	Lion																															
04	Leopard																															
05	Sloth Bear																															
06	Safari																															
07	Treatment Ward																															
08	Rescue Center																															
09	Quarantine																															

Invigilator's Report

S.No.	Name Of Enclosure	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
01	Sambar																															
02	Chital																															
03	Black buck																															
04	Nilgai																															
05	Wild Pig																															
06	Thamin Deer																															

Signature and Name

