

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

Annual Report for the year
2018-19



CONTENTS

S.No	Section	Page Number
1.	Report of the Officer-in-charge	1
2.	History of the Zoo	2
3.	Vision	3
4.	Mission	3
5.	Objective	3
6.	About us	4,5,6
7.	Organizational Chart	7
8.	Human Resources	8,9
9.	Capacity Building of the zoo personnel	9
10.	Zoo Advisory Committee	10
11.	Health Advisory Committee	10
12.	Statement of income and expenditure of the Zoo	10 Annexure 1
13.	Daily feed Schedule of animals	10,11
14.	Vaccination Schedule of animals	12
15.	De-worming Schedule of animals	12

S.No	Section	Page Number
16.	Disinfection Schedule	12 Annexure 2
17.	Health Check-up of employees for zoonotic diseases	13
18.	Development Works carried out in the zoo during the year	14,15,16
19.	Education and Awareness programmes during the year	16,17
20.	Important Events and happenings in the zoo	18,19
21.	Seasonal special arrangements for upkeep of animals	19 to 22
22.	Research Work carried out and publications	22
23.	Conservation Breeding Programme of the Zoo	22
24.	Animal acquisition / transfer / exchange during the year	22
25.	Rescue and Rehabilitation of the wild animals carried out by the zoo	23
26.	Annual Inventory of animals	24
27.	Mortality of animals.	25
28.	Status of the Compliance with conditions stipulated by the Central Zoo Authority	25 to 29
29.	List of free living wild animals within the zoo premises	29 to 32

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 we did various activity which includes various educational and awareness activities with the school kids during important days/weeks like World Environment Day, Wildlife Week, Exhibition in Prayagraj Kumbh Mela, International Yoga Day, International Tiger Day and Anubhooti Eco Camp etc. The activities done were Prabhat feri, painting, quiz, questionnaire, games, general discussion, interaction with zoo staff and zoo visit and many more.

This year 09 animals of different species were rescued, out of which 05 animals were released in the natural habitat and the rest 04 which were not fit to release in the wild are kept in the zoo. The CWLW of the state has given permission to keep these animals in the center.

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 newly developed nursery of **45 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 14123 numbers of visitors and the whole event was managed by the Zoo team without any chaos. This year 297079 visitors visited the zoo and total Rs.13645318 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. This year four new calves (03 chital and one black buck) born in the zoo but sadly we lost one female sambar also.

To run the zoo efficiently the trained human resources are required therefore we conducted in house training programmes as well as our team members attended other training courses conducted at different places by other zoos/institutes.

2. 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.

3. 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.

4. 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.

5. Objective:

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

1. To create amongst the visitors empathy towards wild animals through appreciation and better understanding.
2. Conservation breeding of endangered species of wild animals, available within the bio-geographical range.
3. To provide housing and upkeep to the orphaned animals of endangered species rescued from the wild.
4. 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.
5. To assist in conservation of the in-situ population of various species of endangered animals and their habitat by sensitizing the people.
6. To establish a small research centre for identification and cultivation of various species of medicinal plants naturally occurring in adjoining forest areas.
7. 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.

6. 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 Pradesh)
4	State	Madhya Pradesh
5	Telephone Number	8319048432
6	Fax Number	-----
7	E-mail address	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)	22-03-2019
11	Category of zoo	Mini
12	Area (in Hectares)	100
13	Number of Visitors (Financial Year)	Adult :
		Children : 10451
		Total Indian :297034

S.No.	Particulars	Information
		Total Foreigners :45
		Total Visitors: 297079
14	Visitors' Facilities Available in Zoo	<ul style="list-style-type: none"> • Drinking RO water • Vehicle Parking • Toilets at convenient locations • 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. • 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	-----
Owner / Operator of the Zoo		

S.No.	Particulars	Information
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.*

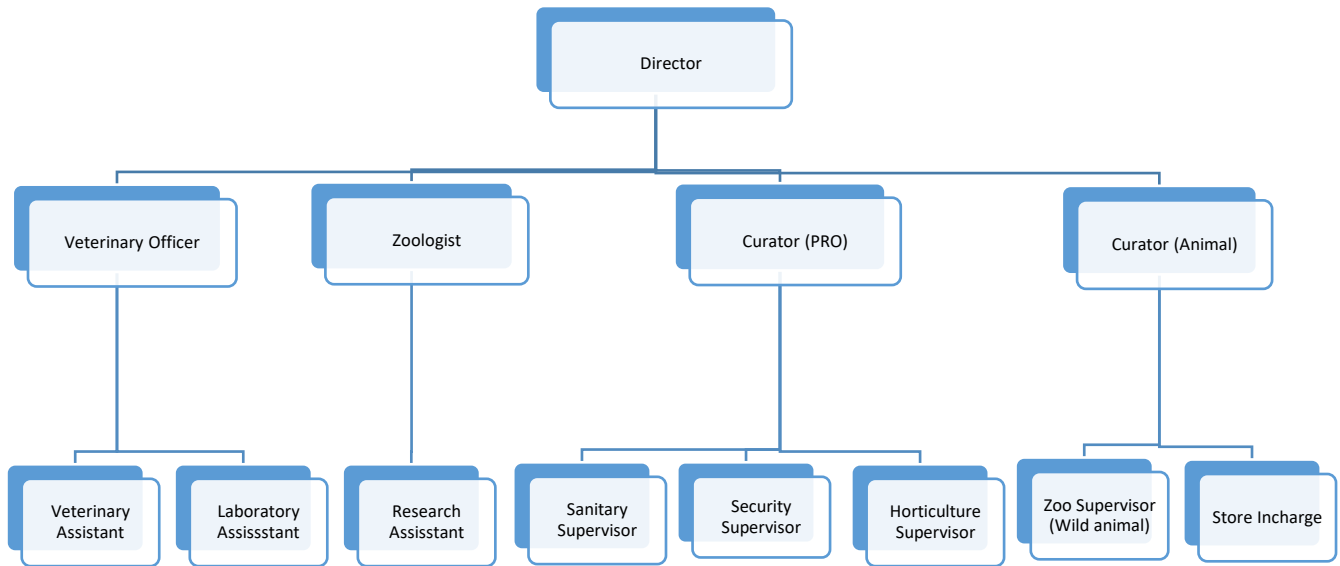
“Zoo Operator” means the person who has ultimate control over the affairs of the zoos provided that_____

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.

7. Organizational Chart



8. Human Resources

Manpower of the Zoo*

Sl.No.	Designation	Number 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 Assisstant	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. Narendra Prasad Tiwari 2- Mr. Rajendra Prasad Mishra 3-Mr. Yaduvansh Prasad Tiwari
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
14	Assisstant 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 Assisstant	3	1- Mr. Sandeep kumar Maitre 2- Mr. Mahesh kumar Saket
17	Skilled/ trained Labour	3	1- Mr. Ghanshyam Tiwari
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. Desbandhu Tripathi 2- Mr. Suneel Bhujwa

21	Computer Operator	2	Vaccant Pushpinder kumar Tripathi on job rate
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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
01	Mr. Ghanshyam Tiwari	Tourism and Hospitality Training	06 Days (16/04/2018 to 21/04/2018)	MP Ecotourism Development Board, Bhopal (M.P.)
	Mr. Kamal Singh			
02	Mr. Sanjay Raykhere (Director Zoo)	Regional Wildlife Rescue Squad Workshop	03 Days (12/06/2018 to 14/06/2018)	Pachmadi (Madhya Pradesh)
	Dr. Rajesh Tomar (Veterinary Officer)			
	Mr. Kaleem Khan (Animal Keeper)			
	Mr. Satendra Pratap Singh (Animal Keeper)			
Mr. Ranjit Patel (Driver)				
03	Mr. Kaleem Khan (Animal Keeper)	Advancing Bear Care Workshop	04 Days (03/12/2018 to 06/12/2018)	SOS Agra (Uttar Pradesh)
	Mr. Suraj Yadav (Asst. Animal Keeper)			
04	Dr. Rajesh Tomar (Veterinary Officer)	Physical and Chemical Capture of wildlife (Zimbabwe)	15 days (03/02/2019 to 22 /02/2019)	At Mallilangwe Game Reserve, Zimbabwe
05	Mr. Vishnukant Mishra (Animal Keeper)	Zoo Keeper training programme on regional basis	07 days (04 to 10 March 2019)	Shyama Prasad Mukherjee Zoological Garden, Surat (Gujarat)
06	Mr. Sanjay Raykhere (Director Zoo)	Middle management officials training programme	02 days (15/03/2019 to 16/03/ 2019)	CZA, New Delhi

10. Zoo Advisory Committee – Not constituted till now.

a. Date of constitution

b. Members

c. Dates on which Meetings held during the year

11. Health Advisory Committee– Not constituted till now.

a. Date of constitution

b. Members

c. Dates on which Meetings held during the year

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

13. 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	2.5 k g	2.5 kg	Wednesday
5.	Lion (male)	Buffalo meat	10 k g	8 kg	Wednesday
6.	Lion (Female)	Buffalo meat	08 k g	06 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 k g	Same Diet	No Fasting
		Compound feed+ Salt+ Mineral mixture	500 g	Same Diet	
		Mahua	200 g	Same Diet	
		Wheat Straw	500 g	Same Diet	
		Chuni	100 g	Same Diet	
9.	Black buck	Green fodder + grass + tree leaves	4 k g	Same Diet	No Fasting
		Compound feed+ Salt+ Mineral mixture	400 g	Same Diet	
		Mahua	200 g	Same Diet	
		Wheat Straw	500 g	Same Diet	
		Chuni	100 g	Same Diet	
10.	Sambar	Green fodder + grass + tree leaves	15 kg	Same Diet	No Fasting
		Compound feed+ Salt+ Mineral mixture	1 k g	Same Diet	
		Mahua	400 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	15 kg	Same Diet	No Fasting
		Compound feed+ Salt+ Mineral mixture	1 k g	Same Diet	
		Mahua	400 g	Same Diet	
		Wheat Straw	2 k g	Same Diet	
		Chuni	200 g	Same Diet	
		Readymade cattle feed	500 g	Same Diet	

14. Vaccination Schedule of animals

Sl.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

15. 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

16. 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
02	Leopard	Night House and Cell	Lyzol for floor mopping	Daily
			Acid Solution	Weekly
			Foot Dip	Potassium Per magnate
03	Sloth Bear	Night House and Cell	Lyzol for floor mopping	Daily
			Acid Solution	Weekly
			Foot Dip	Potassium Per magnate

* Detailed cleaning and disinfection schedule is attached as annexure 2

17. Health Check-up of employees for zoonotic diseases

S.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1	Sanjay Raykhere	Director Zoo	03.10.2018	Negative for TB and prophylactic ARV done
2	Dr. Rajesh Tomar	Veterinary Officer	03.10.2018	----do----
3	Neetesh Gangele	Curator	03.10.2018	----do----
4	Narendra Tiwari	Incharge Safari	03.10.2018	----do----
5	Pradeep Shukla	Animal Keeper	03.10.2018	----do----
6	Lokesh Dubey	Animal Keeper	03.10.2018	----do----
7	Kaleem Khan	Animal Keeper	03.10.2018	----do----
8	Ravi Pandey	Animal Keeper	03.10.2018	----do----
9	Laxman Singh Parihar	Animal Keeper	03.10.2018	----do----
10	Satendra Pratap Singh	Animal Keeper	03.10.2018	----do----
11	Vijay Kumar Saket	Animal Keeper	03.10.2018	----do----
12	Rajesh Kumar Kol	Chowkidaar	03.10.2018	----do----
13	Mahesh saket	Sanitary Assistant	03.10.2018	----do----
14	Rajnish rawat	Driver	03.10.2018	----do----
15	Sandeep Verma	Asst. animal keeper	03.10.2018	----do----
16	Vibhuti Narayan Dubey	Asst. animal keeper	03.10.2018	----do----
17	Ravishankar Tiwari	Asst. animal keeper	03.10.2018	----do----
18	Rajkishore Verma	Asst. animal keeper	03.10.2018	----do----
19	Yuvraj Singh	Asst. animal keeper	03.10.2018	----do----
20	Sandeep Maitre	Sanitary Assistant	03.10.2018	----do----
21	Sushil Bairiya	Asst. animal keeper	03.10.2018	----do----
22	Nagendra Basor	Asst. animal keeper	03.10.2018	----do----
23	Ramvishwas Basor	Asst. animal keeper	03.10.2018	----do----
24	Jetendra Basor	Sanitary Assistant	03.10.2018	----do----
25	Mahesh Verma	Food Store Cleaner	03.10.2018	----do----
26	Ajay Kumar Singraha	Asst. animal keeper	03.10.2018	----do----
27	Ramprakash Patel	Sthai Karmi	03.10.2018	----do----
28	Jeetendra Bansal	Sanitary Assistant	03.10.2018	----do----
29	Sanjay Yadav	Asst. animal keeper	03.10.2018	----do----
30	Motilal Saket	Skilled/trained Labour	04.10.2018	----do----
31	Premlal Kushwah	Skilled/trained Labour	03.10.2018	----do----
32	Aleem Khan	Asst. animal keeper	03.10.2018	----do----
33	Rajendra Bansal	Sanitary Assistant	03.10.2018	----do----
34	Anuj Yadav	Sanitary Assistant	03.10.2018	----do----
35	Suraj Bhan Yadav	Asst. animal keeper	03.10.2018	----do----
36	Sandeep Tripathi	Sanitary Assistant	03.10.2018	----do----
37	Sunil Bhujwa	Peon	03.10.2018	----do----
38	Indra Kumar Dwivedi	Sthai Karmi	03.10.2018	----do----
39	Kailash Prasad Mishra	Asst. animal keeper	04.10.2018	----do----

18. 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.



Before : Preparation of land for development of Grassland



After: Grassland after 25 days of sowing

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.



19. Education and Awareness programmes during the year:

It is known that every year various days and weeks are celebrated to create awareness among the people for the conservation of wildlife. This year, to commemorate these events with nature and wildlife conservation, we conducted various activities to educate the children and create awareness amongst them for the conservation of wildlife. These activities include prabhat feri, painting, quiz, questionnaire, general discussion, interaction with zoo staff and zoo visit. The brief descriptions of these campaigns are mentioned below:

1) World Environment Day: The 45th world environment day was celebrated on 05th June 2018 and on this day we invited school kids for the zoo visit, organized painting competition in zoo and plantation activities were also done. They spend the entire day in the zoo and we conveyed the message for the conservation of wildlife and biodiversity.



2) Wildlife Week:

The world wildlife week was celebrated between 01/10/2017-07/10/2017 during which the Kids from the government schools of nearby villages are brought to the zoo. We also visited schools to conduct various activities like painting, quiz etc with the theme of wildlife. We also organized an unique quiz programme **“Kaun Banega Fan of White Tiger”**



3) Exhibition in Prayagraj Ardh Kumbh Mela :

In year 2019 Ardh Kumbh Mela held during month of January to March and approximately 120 million people attended this mega event. It was the great opportunity to reach a **big number of people** and to convey the message for nature and wildlife conservation. To achieve this objective, in collaboration with Bandhavgarh Tiger Reserve, Kanha Tiger reserve and Sanjay Dubri Tiger Reserve we laid an exhibition for one month and displayed the model of White Tiger Safari and Zoo along with flex and banners and distributed the pamphlets with messages to the visitors. The different items were also sold through souvenir shop.



20. Important Events and happenings:

1) International Yog Day: It is celebrated by zoo officials along with visitors in the zoo garden area to promote health and harmony with the nature.



2) International Tiger Day: This year we celebrated International Tiger Day on) 7th July 2018 in collaboration with MP Tiger Foundation Society Bhopal. We organized a wall Painting Competition for various categories of participants. In total 174 participants participated in the event and 69 wall panels were painted.



3) Anubhooti Camp: The “Anubhooti” is the new initiative started by the forest department of Madhya Pradesh which is organized throughout the state from 15th December-15th January every year. In this programme the kids from various schools are invited to visit the national parks/ tiger reserves /zoos to give them the feel (Anubhooti) of the nature and wildlife. It is done with an objective to sensitize the kids for nature conservation and create awareness regarding the importance of forests and wild animals in human lives. This year 1980 kids from 09 ranges of three forest divisions visited our zoo under Anubhooti Programme.



21. 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 new initiatives have been taken.

1) Sprinkler (Pop-up System) Installation in Herbivore Enclosures:

It is done to combat the excessive heat during summers. It not only provides the cool environment to the animals but also keeps the native grass of enclosure green and alive which is consumed by the residents of that enclosure (Captive herbivores).



2) 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.



3) Sprinkler (Rain Gun System) Installation in Carnivore Enclosures:

It is done to combat the excessive heat during summers. It not only provides the cool environment to the animals but also keeps the native grass of enclosure green and alive and provide natural environment to the resident.



4) Sheds for vistors in viewer's area: To provide relief from sun light as well as rainfall the natural looking shed (Thatch roof) has been constructed in the viewer's area.



5) Sheds for visitors in parking as well as waiting area: For the convenience of visitors the sheds have been developed in waiting areas in vehicle parking area.



22. Research Work carried out and publications.

23. Conservation Breeding Programme of the Zoo.

This zoo is not a part of any conservation breeding programme

24. 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
		Thamin Deer	3:3	National Zoological Park, New Delhi	18.03.2019
		Asiatic Lion	1:1	Kanan Pindari Zoological Garden, Bilaspur(C.G.)	06.04.2018
		White Tiger	1:1	Maitri Bagh Zoo, Bhilai (C.G.)	06.04.2018
		Barking Deer	1:1	Kanan Pindari Zoological Garden, Bilaspur(C.G.)	30.04.2018
		Barking Deer	1:1	Gandhi Zoological Garden, Gwalior, (M.P.)	03.05.2018
		Sambar	1:1	Maitri Bagh Zoo, Bhilai (C.G.)	01.05.2018
B.	Animals going from the zoo				
	H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
NIL					

25. 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 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	19/08/2019	Cat Snake	In Zoo from viewers area		19/08/2019, In zoo in open area	
02	26/06/2018	Langur	Mukundpur Village		26/06/2018, Mukundpur Range	
03	06/08/2018	Pythons	Hardi Village		06/08/2018, Mukundpur Range	
04	14/09/2018	Monitor lizard	Mukundpur Village		06/09/2018, Mukundpur Range	
05	18/10/2018	Bronze Back tree Snake	In Zoo from viewers area		18/10/2018, Mukundpur Range	
06	16/11/2018	Leopard (1:0:0:1)	Division Baidhan		Died	
07	19/11/2018	Magar	Mukundpur Range		19/11/2018, Bansagar Dam	
08	27/11/2018	Sambar deer (1:0:0:1)	Village Uchehara		27/11/2018 Beat Dhaniya, Uchehara Range	
09	29/11/2018	Python	In Zoo from viewers area		29/11/2018 Mukundpur Range	
10	19/12/2018	Sambar deer (1:0:0:1)	Uchehara Village		19/12/2018 Beat Dhaniya, Uchehara Range	
11	07/01/2019	Leopard (1:0:0:1)	Village Raura, Rewa Division		09/01/2019 Paudhi Range Sanjay Tiger Reserve	
12	01/02/2019	Bear (1:0:0:1)	Gijohar Range of Sanjay Tiger Reserve			Very young, unable to survive in the wild at its own.
13	24/02/2019	Rat snake	In Zoo from viewers area		24/02/2019, In zoo in open area	
14	03/03/2019	Leopard (0:1:0:1)	Village Dilahi, Baikunthpur, Rewa			Very young, unable to survive in the wild at its own.
15	21/03/2019	Wild pig	Village Nawasta, Division Rewa		13/10/2019, Mukundpur Range	
16	24/03/2019	Python	Doma , Ramgarh		Papra (Mukundpur range)	

26. Annual Inventory of animals

Form – II
[See Rule 11(1)]

Part – A

Inventory Report for the Year :

Endangered Species*

S.No	Animal Name	Scientific name	Opening Stock as on 01-04-2018				Births			Acquisition			Disposal			Death			Closing Stock as on 31-03-2019				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
01	Tiger	<i>Panthera tigris</i>	1	1	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	2	1	0	3
02	White Tiger	<i>Panthera tigris</i>	1	1	0	2	0	0	0	1	1	0	0	0	0	0	0	0	0	2	2	0	4
03	Leopard	<i>Panthera pardus</i>	1	1	0	2	0	0	0	0	3	0	0	0	0	0	1	0	1	3	0	4	
04	Sloth Bear	<i>Melursus ursinus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	
05	Black Buck	<i>Antelope cervicapra</i>	1	3	0	4	2	0	2	1	2	0	0	0	0	0	0	0	4	5	2	11	
06	Asiatic Lion	<i>Panthera Leo</i>	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	2	
07	Thamin Deer	<i>Cervus eldi</i>	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	3	3	0	6	
Total			5	7	0	12	2	0	2	7	1	0	0	0	0	0	1	0	14	16	2	32	

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

* The black buck calf born in March 2017 identified as male by mistake but when it grew, it was identified as female therefore in closing stock the status has been changed.

Part – B

Other than Endangered Species

S.No.	Animal Name	Scientific name	Opening Stock as on 01-04-2017				Births			Acquisition			Disposal			Death			Closing Stock as on			
			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>	4	9	5	18	1	3	8	0	0	0	0	0	0	0	0	0	5	12	13	30
02	Wild Pig	<i>Sus scrofa</i>	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
03	Sambar	<i>Cervus unicolor</i>	1	3	1	5	1	0	0	1	2	0	0	0	0	2	0	0	3	3	1	7
04	Barking deer	<i>Muntiacus muntjac</i>	0	0	0	0	0	0	0	2	2	0	0	0	0	2	2	0	0	0	0	0
05	Nilgai	<i>Boselaphus tragocamelus</i>	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3	0	0	3
Total			7	13	6	26	2	3	8	6	4	0	0	0	0	2	4	0	13	16	14	43

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

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
01	Sambar	<i>Cervus unicolor</i>	Female	25/03/2018	Capture Myopathy
02	Sambar	<i>Cervus unicolor</i>	Female	02/05/2018	Capture Myopathy
03	Barking deer	<i>Muntiacus muntjac</i>	Female	16/05/2018	Acute Ruminal acidosis
04	Barking deer	<i>Muntiacus muntjac</i>	Female	19/05/2018	Heat Stroke
05	Barking deer	<i>Muntiacus muntjac</i>	Male	29/05/2018	Heat Stroke
06	Barking deer	<i>Muntiacus muntjac</i>	Male	05/06/2018	Haemorrhagic Enteritis
07	Leopard	<i>Panthera pardus</i>	Female	10/02/2019	Neoplasm in uterus

28. Compliance with conditions stipulated by the Central Zoo Authority

Sr. No	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions
	General requirements				
	10(1.3)	Two wheeler belonging to Zoo Staff were seen parked in haphazard manner near the animal exhibits area. The same should be parked at the designated place only and should not be visible to the visitors.	With immediate effect		Complied
	10(1.4)	It was also informed that the due to heavy rush during the winter holidays/new year and the zoo was not ready to deal with that much amount of public, thus the entry gate was got broken and there was total mismanagement, which has brought high risk with regard to safety of animals as well as visitors, During the evaluation, though the zoo officials was saying that they have dealt this year smoothly with the circulation of visitors and their ticketing However there is urgent need with regard to carrying capacity of the zoo, expected visitors and counters available at the zoo. It was seen that zoo only single entrance with width of about 1.5 – 2 mts only to allow visitors inside the zoo premises, this needs to widened.	Three Months		Complied

		The zoo operator be asked to come up with details procedure to deal with such situation so in future such incident do not happen.			
	10(1.6)	Height of the boundary wall all around should be 2 mt from inside as well outside from ground level.	Three months		Complied
	10(1.6)	The keeper room attached to the opposite tiger enclosure should not have any residential facility or kitchen for domestic cooking.	With immediate effect		Complied
	10(1.7)	The Blackbuck enclosure provided with drinking water troughs water troughs should have draining of water outside the animal exhibit and moat areas. This should be connected to storm water/drainage line of the zoo.	Three months		Will be Complied
	Development and planning				
	10(3.7)	The feeding and night cells visible from visitor's area should be camouflaged by adequate plantation.	Three months		Complied
	10(3.7&8)	<p>No zoo should accept any rescued animal unless it has appropriately designed enclosure and upkeep facilities for the animal as well as the facilities for keeping it in isolation during quarantine period.</p> <p>Whenever zoo decides to accept any rescued animal for housing, a detailed report regarding the source from which the animal has been received, legality of its acquisition and the facilities available at the zoo for housing, upkeep and healthcare shall be sent to the Chief Wildlife Warden of the State and prior approval from Chief Wildlife Warden of the State and central Zoo Authority should have got obtained.</p> <p>The zoo has received following animals from various division of Forest Department of Madhya Pradesh during 2017-2018:</p> <ul style="list-style-type: none"> h) Nilgai 1:2 i) Sambar 0:1 j) Blackbucks 1:2 k) Chowsingha 1:1 l) Hyena 1:0 m) Wild boar 2:1 <p>Though it was received as rescued/injured as informed, however approval of CWLW, Madhya Pradesh mandatory u/s 11A and Section 38 I of the WLP (Act), 1972 from CZA have not been obtained so far.</p>	With immediate effect		Complied
	Animal housing, display of animals and animal enclosures				
	10(4.1)	All animal enclosures should have immersion effect, thus the visitors viewing area at all animal exhibits should be planted with adequate vegetation to provide shade and immersion effect.	With immediate effect		Complied
	10(4.2)a	The four horned antelope housed inside the Blackbuck enclosure in an isolated area should be shifted to an appropriate place.	With immediate effect		Complied
	10(4.2)b	The visitor waiting area designated just outside	With		Complied

		the entry of White tiger Safari should be shifted away an appropriate place for safety of visitors and animals.	immediate effect		
	10(4.2)c	The window made of MS bar inside paddock are used for treating the Sloth bear in the paddock wall should be removed. The bear should only treated either in feeding & retiring cells or in a squeeze cage.	Three months		Complied The squeeze cage has been fitted in the kraal
	10(4.3)a	The Blackbuck should be housed in the enclosure for which the designated enclosure has been constricted by the zoo.	With immediate effect		Complied
	10(4.3)b	In the leopard enclosure the overhang provided as barrier, the width of MS sheet should be as of prescribed by the CZA. At present the MS sheet width has been reduced due to MS Bar overruling it.	With immediate effect		Complied
	10(4.3)c	The security system at the zoo should be strengthened.			Complied
	10(4.3)d	All animal enclosures should have natural shade, preferable made of bamboo or thatch.	With immediate effect		Complied
	10(4.3)e	The slope of the man made water body inside the White tiger safari should ensure that it has rough surface and provision of tiger cub and tiger can easily climb back. If needed its slope may be modified accordingly.	With immediate effect		Complied
	10(4.5)	The stones lying from broken platform inside the tiger enclosure should be removed.	With immediate effect		Complied
	10(4.6)	The leopard provided wooden platform as enrichment should be made of wood instead of used cable base is provided.	Two months		Complied
	10(4.9)a	The entry to service areas at the zoo should have a barrier and signage's stating a warning sign not allowing visitors.	With immediate effect		Complied
	10(4.9)b	The standoff barrier design and material should merge with the environment of the zoo.	With immediate effect		Complied
	10(4.9)c	The height of hedge used as standoff barriers to be increased, in order to hide the parapet wall of the animal exhibits.	With immediate effect		Complied
	10(4.10)	The zoo should have adequate number of signages at animal enclosure. The directional signage's should also be provided at various placed for smooth management of visitors.	Three months		Complied
	Upkeep and healthcare of animals				
	10(5.5)	The aluminium foil, plastic bottles and other waste lying inside the natural water body along the side of visitors path way should be removed.	With immediate effect		Complied
	10(5.6)	The Keepers working on contract should not deal with animal's management. It should be dealt by the keepers who are trained and permanent employee.	With immediate effect		Complied
	10(5.9)	The staff working with the zoo should screened for zoonotic disease.	With immediate effect		Partially Complied
	10(5.10)	The zoo should maintain detailed records of observations of biological and social behavior	With immediate		Complied

		and health status of the animals including feed intake, medication and treatment provided in the keeper's diary, daily report, animal history cards and treatment cards, as per standards specified by the Central Zoo Authority.	effect		
	Veterinary and infrastructure facilities				
	10(6.1)a	The veterinary hospital should be made functional.	With immediate effect		Complied
	10(6.1)b	The hospital should have all basic equipments.	With immediate effect		Complied
	10(6.1)c	The zoo should be able to carry out routine faecal and blood samples test in its laboratory itself.	Three months		Utilizing the facilities from Veterinary College Jabalpur and Veterinary College Rewa
	10(6.3)a	The zoo should quarantine and isolation area.	Six months		Under Process
	10(6.3)b	The zoo should post mortem room	Three months		Design has been sent to CZA for approval
	Acquisition and breeding of animals				
	10(9.8)	The zoo should take all efforts to mark its animals.	With immediate effect		Will be complied
	10(9.10)	It was informed that part of the zoo, particularly the White tiger Safari has undergone submerged during the floods in the Rewa District during 2016. The Zoo Operator is advised to come up with detailed action plan taken to deal with such situation/incidents, if arise in future Help of National Disaster Management Authority may be taken.	Six months		Will be complied
	10(9.10)	Though zoo has made arrangement for storm water/drainage water from all animal enclosures (paddocks and feeding & retiring cells). By providing the septic tank, however during evaluation it was observed that herbivores enclosure (blackbuck) has pipe line of storm water flushing water in the nearby forest areas. This should be removed and should be connected either with septic tank or with proper drain/storm water line)	Six months		Will be complied
	Education and outreach activities				
	11(1)	The zoo should endeavour to educate the visitors to the zoo and the people at large about the significance of wildlife conservation for the general well being of the people and keeping the life support system of nature intact and the efforts shall be made to make people aware about the role played by the zoos in this regard and the ways and means through which general public can participate and contribute for the same.			Complied
	Others				

		The zoo area falls under the Reserve Forest. Thus approval from FC. Division of MoEF&CC under Forest (Conservation) Act, 1980 should have got obtained. The zoo has presently submitted a proposal to FC division seeking approval under FC Act for structures to built like Admin building, hospital etc. It should have also included the animal enclosures as the zoo is considered non-forestry activity as per the circular issued by the FC Division of the MoEF&CC.			Complied
		The disaster management should be practiced by conducting mock drill and awareness among visitors.			Complied
		The plants of exotic species planted at the main exhibit area should be replaced with endemic species at the zoo.			Complied
		The zoo should not burn the dry leaves inside the animal enclosure and neighboring areas.			Complied
		The kiosk coming next to White tiger Safari entrance should have adequate buffer and should be located as of approved by the CZA in the layout plan of White tiger Safari. The said kiosk should also not sale any food material of water in plastic bottles.			Complied
		The Safari vehicle boarding and parking area should also be designated near white tiger safari looking into the future number of visitors who may arrive to visit the White tiger Safari			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-BREASTED 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. caeruleus</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>

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 FLAPHELL 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 blanfordanus</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 braminus</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 straitus</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 forsteni</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>