

ROHTAK ZOO

(HARYANA)

**Annual
Report of
Activities**

2021-22

Report on the activities of Rohtak Zoo Haryana for the period April 2021 to March 2022 is provided with supportive pictures of events. Status of compliance of conditions communicated vide CZA letter No. 19-93/92-CZA (36)(VOL.VII)(86)(BKG)/736/2017 Dated 03/04/2017.

Prepared by
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Divisional Wildlife Officer
Rohtak

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Report of the Officer incharge

Dear Readers,

I took over the charge of Divisional Wildlife Officer Rohtak on 22nd July 2020 when Rohtak Zoo was closed during the COVID-19 pandemic. Rohtak zoo was started as mini zoo in 1986. After the existence of CZA the zoo was to be not fulfilling the norms of CZA. Its renovation was started 2008 but could not be completed due to unavoidable circumstances.

As conservation education is the main objective of the zoos, we also organize various educational programmes to reach out as many people as possible.

As per the approved Master Plan of the Zoo enclosures are being constructed. Our main focus is on providing good hygienic condition to all animals and breeding programme of tiger.

During 2021-22 the zoo has been facilitated with entry of our new member Ostrich breeding of tiger and panther.

During the previous year construction of Entrance Palaza, Visitor's path, Booking office, Zoo main gate, Lion Enclosure and Bear enclosure has been done. Moreover plantation work has been done for the beautification of zoo.

The zoo remained closed for visitors during 2021-22.

We have successfully provided good facilities to its animals and visitors. I take this opportunity to thank everyone who has dedicated their time and hard work supporting me towards the development of the zoo.

Divisional Wildlife Officer
Rohtak

2. **History of the Zoo** – Rohtak Zoo was established in the year 1986 on an area of 7.20 hectares (10 acres) of Tilyar Tourist Complex Rohtak. It is located on the right side on Delhi Rohtak road about 70 Km from New Delhi in Rohtak city. Later on 44 acres of land was transferred from Tourism Department Haryana for the renovation of Rohtak Zoo. The renovation works are still going on and these will take another one or two years to be completed



Main Gate of the Rohtak Zoo

3. **Vision:**

To create awareness about our rich fauna among general public and develop a healthy relationship between animals and human beings for maintaining ecological balance.

4. **Mission-**

The Rohtak Zoo is located at a very prestigious and important spot on National Highway No. 1 160km from New Delhi and about 100 km from Chandigarh in Distt. This Zoo has been upgraded/renovated during 2013 to 2015. Rohtak Zoo is very beautifully designed and renovated. Some works proposed in Master Plan to be completed. Lot of religious tourists visit Kurukshetra every year because of its historical & religious importance. Moreover a large number of local tourists visit this zoo. Our mission is to maintain the zoo and complete the remaining works mentioned in the Master Plan.



Entrance Plaza

5. **Objective-**

1. Our basic objective is to maintain the zoo and to provide healthy environments to zooanimals.
2. To provide better facilities to visitors and sensitize the local people about wildanimals.
3. To provide housing and upkeep to the orphaned animals of endangered speciesrescued from the wild.
4. To collect and collate the scientific data on the biology behavior and health care ofanimals housed in the zoo and use the same in future management of the zoo.

6. **About us**

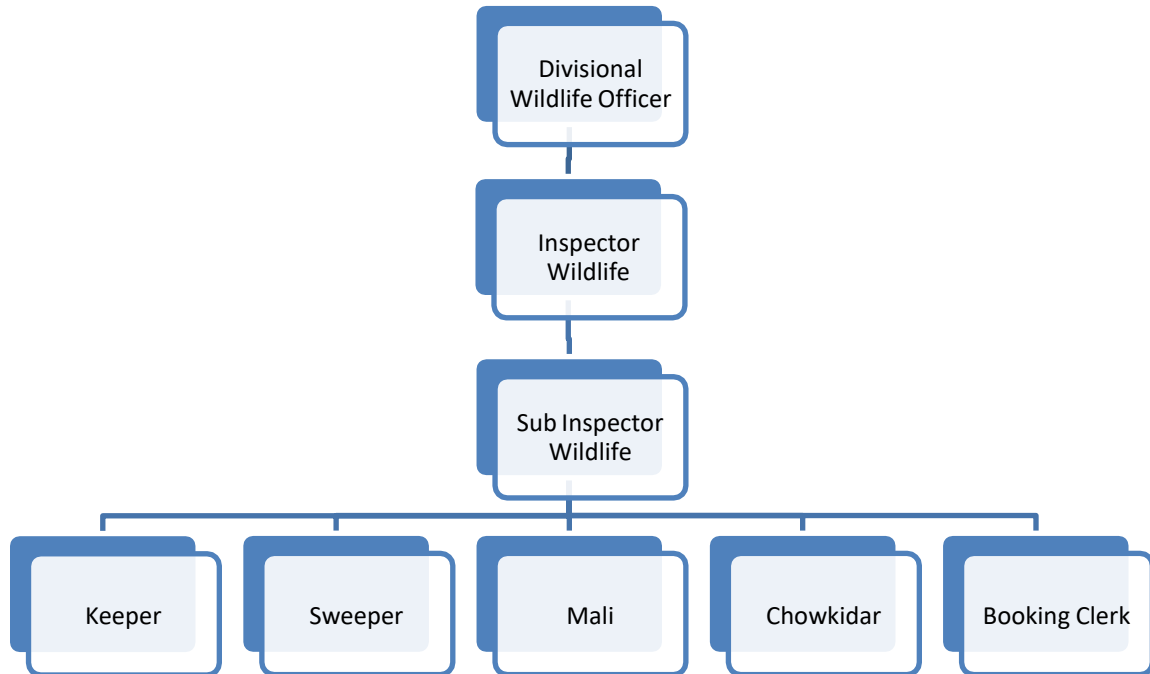
S. No.	Particulars	Information
Basic information about the Zoo		
1	Name of the Zoo	ROHTAK ZOO
2	Year of Establishment	1986
3	Address of the Zoo	TILYAR TOURIST COMPLEX ROHTAK
4	State	HARYANA
5	Telephone Number	01262-274377
6	Fax Number	-
7	E-mail address	dwlrohtak@yahoo.com
8	Website	-
9	Distance from nearest	Airport: 80 Km (Delhi)
		Railway Station: 8 Km (Rohtak)
		Bus Stand: 6.0 KM
10	Recognition Valid upto (Date)	04.08.2021
11	Category of zoo	Small
12	Area (in Hectares)	17.00
13	Number of Visitors (2021-22)	Zoo closed due to COVID-19
		Children: -

		Total Indian: -
		Total Foreigners: -
		Total Visitors: -
14	Visitors' Facilities Available in Zoo	1. Drinking Water 2. Toilets 3. Grass Lawn
		4. Disabled Wheel Chairs 5. Canteen 6. Seating benches 7. Car/Scooter parking
15	Weekly Closure Day of the Zoo	Monday
Management Personnel of the Zoo		
16	Name with designation of the officer in –charge	Sh. Devender Hooda Inspector Wildlife
	Name of the Veterinary Officer	Dr. Ashok Khasa
	Name of the Curator	-
	Name of the Biologist	-
	Name of the Education Officer	-
	Name of the Compounder/Lab Assistant	-
Owner/Operator of the Zoo		
17	*Name of the Operator	Additional Chief Secretary, Govt. of Haryana Forest & Wildlife Department
18	Address of the Operator	Haryana Civil Secretariat Sector 17 Chandigarh
19	Contact details/Phone number of Operator	0172-2714006
20	E-mail address of Operator	psforest505@gmail.com



Water Birds Aviary

7. Organization Chart



8. Human Resources

Manpower of the Zoo*

Sr No.	Designation	Number of Sanctioned Posts	Name of the incumbent
1.	Inspector Wildlife	1	1
2.	Sub Inspector Wildlife	-	-
3.	Sweeper	-	1
4.	Keeper	1	3
5.	Night Watchman	-	1

9. 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
1.	Sh. Devender Hooda Inspector Wildlife	Wildlife crime	2 days	HIPA

10. Zoo Advisory Committee- Not constituted

- a. Date of constitution:** -
b. Members -
c. Dates on which Meetings held during the year -

11. Health Advisory Committee- Not constituted

- a. Date of constitution**
b. Members
c. Dates on which Meetings held during the year

12. Statement of income and expenditure of the Zoo

1. Income (2021-2022) = 0.00 lakh (Entry Fee)
 2. Expenditure (2021-22) = 208.41 lakh (except salaries)

13. Daily feed Schedule of animals

Sr No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Lion (M)	Buffalo Calf	8 Kg	8Kg	Tuesday
	-Do-	Mutton	8 Kg	8 Kg	
2	Lion (F)	Buffalo Calf	6 Kg	6Kg	Tuesday
	-Do-	Mutton	8 Kg	8 Kg	
3	Panther	Chicken	2.75 Kg each	2.75 Kg	Tuesday
	-Do-	Mutton	3 Kg each	3 Kg	
4	Hyena	Buffalo Calf	2.5 Kg each	2.5 Kg	Tuesday
5	Jackal	Buffalo Calf	1 Kg each	1 Kg	Tuesday
6	Langur	Banana	2no.	2no.	-
		Garlic	5gm	5gm	-
		Black Gram	50gm	50gm	-
		Bread	100gm	100gm	-
		Cabbage/Palak	75gm	75gm	-
		Guava /Apple	250gm	250gm	-
		Carrot Khera	50gm	50gm	-
7	Hippo	Green Fodder	40kg	40kg	-
		Cattle Feed	4kg	4kg	-
		Jaun	2kg	2kg	-
		Mung	1kg	1kg	-
		Haldi	25gm	25gm	-
8	Sambar	Dry Fodder	2kg	2kg	-
		Green fodder	15kg	15kg	-
		Cattle Feed	500gm	500gm	-
9	Black	Dry Fodder	1kg	1kg	-

	Buck				
		Green fodder	10kg	10kg	-
		Cattle Feed	250gm	250gm	-
10	Gharial	Live Fish	1kg	1kg	-
11	Crocodile	Live Fish	1.5 kg	1.5 kg	-
12	Red JungleFowl	Poultry Feed	150 gm	150 gm	
13	Peafowl	Poultry Feed	120gm	120gm	-
14	Kalij	Poultry Feed	120gm	120gm	-
15	Brown Partridge	Poultry Feed	50gm	50gm	-s

14. Vaccination Schedule of animals

Sr No.	Species	Disease	Name of Vaccine and dosage/quantity used	Periodicity	Remarks
1	Carnivores	Felinepanleukopenia	felo-vax	Annually	
		Calcivirus	felo-vax	Annually	
		Rihnotracheities	felo-vax	Annually	
		Rabies	felo-vax	Annually	

15. De-Worming Schedule of animals

Sr No.	Species	Drug used	Month
1	Carnivores	Paraziquantel/Fenbendazole	after three month
2	Herbivores	Albendazole/Fenbendazole	after three month
3	Birds	Piprazin/Albendazole/Fenbendazole	after three month

16. Disinfection Schedule

Sr No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	Carnivores	Closed	Khorsoline/Aldasan 2000	Floor daily washed
			Falaming (Iron rods)	every first week of March, July, August, Sept., Dec.
2	Herbivores	Open	Clean with lime (Chuna)	Every week
			Feeding platform is clean with lime(Chuna)	Every month on 1 st & 15 th
3	Birds	Closed	Sparay with Khorsoline	Every month

17. Health Check-up of employees for zoonotic diseases

Sr No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1	Sh. Ishwar Dutt	Keepar	07.09.2019	Fit
2.	Sh. Sulender	-do-	-do-	Fit
3.	Sh. Bijender	-do-	-do-	Fit
4.	Sh. Sada Ram	-do-	-do-	Fit
5.	Smt. Mahlo Devi	-do-	-do-	Fit

18. Development Work carried out in the zoo during the year 2021-22

1. Construction of Entrance Plaza.
2. Construction of lion enclosure.
3. Plantation.
4. Construction of bear enclosure.
5. Construction of water birds aviary.

19. Education and Awareness programmes during the year

No activity carried out due to Covid-19.

20. Important Events and happenings –

As mentioned above.

21. Seasonal special arrangements for upkeep of animals

1. Arrangement of air coolers in summer season and blower heater during winter season for wild animals.
2. Sand mounds were constructed in Black buck enclosure for resting of Black buck during rainy season.

22. Research Work carried out and publications.

Nil_

23. Conservation Breeding Programme of the Zoo

1. Breeding programme for the breeding of Tiger has been started. Tigress gave birth to three cubs out of them two survived. As we learned many new things about the habits of Tiger therefore we are hoping better results next time.

24. Animal acquisition/ transfer/exchange during the year.

A.	Animal arriving in the zoo				
	H. NO.	Species	Number (M:F)	From which zoo	Date of arrival in the zoo
	1.	Ostrich	2:1	Hydrabad	04.08.2021
B.	Animals going from the Zoo				
	H. NO.	Species	Number (M:F)	Going to which zoo	Date of Deposition from the zoo

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

Sr. No.	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
	-	-	-	-

26. Annual Inventory of animals:-

Form-II

[See Rule 11(1)]

Inventory Report for the year:2021-22

INVENTORY REPORT ROHTAK ZOO FOR THE YEAR 2021-22(01.04.21 to 31.03.2022)

Annual Live Stock Statement Rohtak Zoo 2021-22

S. No	Name of Animals/ Birds	P. Balance				By Birth				Acquisition / Received				Total				Transfer				Death				Balance				Remarks
		M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	
1	Tiger	1	1	3	5	-	-	-	-	-	-	-	-	1	1	3	5	-	-	-	-	-	-	-	-	1	1	3	5	
2	Panther	2	2	2	6	-	-	6	6	-	-	-	-	2	2	8	12	-	-	-	-	1	2	3	2	1	1	3	5	1. Two Cubs birth 16/05/2021 2. Two Cubs birth 16/11/2021 3. Durga panther died on 27/10/2021 4. Two Cubs birth 19/09/2021 5. Two cubs died on 25/05/2021
3	Black Buck	8	7	-	15	-	-	-	-	2	4	-	6	10	11	-	21	-	-	-	-	1	2	-	3	9	9	-	18	1. one female white black buckdied on date 01/02/2022 2. Male died on 25/08/2021 3. One female died on 11/09/2021 4. 2 male and 4 female received from Delhi Zoo on 18/12/2021
4	Chinkara	1	1	-	2	-	-	-	-	-	-	-	-	1	1	-	2	-	1	-	1	1	0	-	1	-	-	-	-	1. One male chinkara died on 20/04/2021 2. one female transferred to Delhi Zoo on 18/12/2021
	Total	12	11	5	28	0	0	6	6	2	4	0	6	14	15	11	40	0	1	0	1	2	12	2	7	12	11	9	32	
	Mammels Schedule II PartI																													
5	Bonnet Monkey	3			3									3		3										3			3	
6	Common Langur	2	2	1	5									2	2	1	5		1	1	1	1	1	2	1	3			3	1. Died on date 23/06/2021 2. One female tranferred to Delhi Zoo
	Total	5	2	1	8	0	0	0	0	0	0	0	0	5	2	1	8	0	0	1	1	0	1	0	1	5	0	1	6	
	Mammels Schedule II PartII																													
7	Jackal	1	1		2									1	1	2										1	1		2	
8	Indian Palm Civets	1	1		2									1	1	2										1	1		2	
	Total	2	2	0	4	0	0	0	0	0	0	0	0	2	2	0	4	0	0	0	0	0	0	0	0	2	2	0	4	

Animals/ Birds	P. Balance				By Birth				Acquisition / Received				Total				Transfer				Death				Balance				Remarks				
	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T					
Mammals Schedule I																																	
Sch Mammals Schedule III																																	
9 Chital	4	1		5									4	1		5													4	1		5	
10 Sambhar		1		1										1		1									1			1					Died on date 25/07/2021
Total	4	1	0	5	0	0	0	0	0	0	0	0	4	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	5	
Reptiles																																	
Sch Schedule I Part I																																	
11 Crocodile	1	2	4	7	-	-	3	-	-	-	-	-	1	2	7	10	-	-	-	-	-	-	-	-	-	-	-	-	1	2	7	10	
Total	1	2	7	10	0	0	3	0	0	0	0	0	1	2	7	10	0	0	0	0	0	0	0	0	0	0	0	0	1	2	7	10	
Total	24	18	13	55	0	0	9	6	2	4	0	6	26	22	19	67	0	1	1	2	2	24	2	8	24	16	17	57					
Birds																																	
12 Rosy Pelican	1	1	1	3									1	1		2									1	1	1	1	2	Chick Died on 03/09/2021			
13 Painted Stork		1		1										1		1													1	1			
14 White Ibis	4	4		8									4	4		8													4	4		8	
15 Barn Owl	1	1		2									1	1		2													1	1		2	
16 Budgerigar	20	20		40									20	20		40													20	20		40	
17 Cockatiel	1	2		3									1	2		3													1	2		3	
18 Love Bird	1	2		3									1	2		3													1	2		3	
19 Japani Quail		3	5	8										3	5	8									1	2	3	2	3	5	1. Male died on 23/06/2021 2. Two female died on 03/09/2021		
20 Guinea Fowl	4	3		7									4	3		7													4	3		7	
21 Comb Duck	1	2		3									1	2		3													1	2		3	
22 Weaver Birds	1	1		2									1	1		2													1	1		2	
23 Crested Serpent Eagle	1			1									1			1													1			1	
24 Pintail Duck	1	1		2									1	1		2													1	1		2	
25 Alexender Parakeet	2	1		3									2	1		3													2	1		3	
26 Parakeet	4	4		8									4	4		8													4	4		8	
27 Whistling Teal	2	2		4									2	2		4													2	2		4	

Animals/ Birds	P. Balance				By Birth				Acquisition / Received				Total				Transfer				Death				Balance				Remarks				
	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T					
28 Indian Eagle Owl			2	2											2	2																	
29 Barheaded Goose	6	6		12									6	6		12	3	3		6							3	3			2	2	
30 Ostrich									1	2		3				0											1	2			3	3	Transfer to Delhi Zoo 18/12/2021 Received from Hyderabad Zoo
31 Silver Pheasant									2	2		4	2	2		4											2	2			4	4	Received from Delhi Zoo 18/12/2021
32 Roddy Shell Duck		1		1									1	1											1		1						Female Died on 17/09/2021
Total	53	56	3	113	0	0	0	0	3	4	0	7	55	58	2	116	3	3	0	6	1	2	1	4	52	55	2	109			19	19	
G Total	77	74	16	168	0	0	0	0	3	4	0	7	55	58	2	116	3	3	0	6	1	2	1	4	52	55	2	109			19	19	

Edst No. 31-32

Dated: 08-04-2022.

A copy is forwarded to C.C.F. (W.L) Panchkula for information & N/A please.

A copy is forwarded to P.C.C.F. (W.L) Haryana, Panchkula for information & N/A please.

Divisional Wildlife Officer
Rohtak

27. Mortality of animals

Sr. 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	Chinkara	Gazella bentii	M	20.04.2021	Due to Shock, leads to respiratory failure
2	Leopard Cub	Panthera pardus	M	25.05.2021	Due to cardio respiratory failure
3	Langur	Semnopithecus	F	23.06.2021	Due to cardio respiratory failure
4	Sambar	Rusa unicolor	F	25.07.2021	Due to cardio respiratory failure
5	Black Buck	Antilope cervicapra	M	25.08.2021	Due to Shock, leads to CRF
6	Rosy Pelican	Pelecanus onocrotalus	M	03.09.2021	Due to water filled in abdominal cavity
7	Black Buck	Antilope cervicapra	F	01.02.2022	Due to cardio respiratory failure

28. Compliance with conditions stipulated by the Central Zoo Authority

Sr. No.	Norm No.	Violation of Recognition of Zoo Rules, 2009	Time period to rectify	Action Taken
1. General requirements				
1	10.2(1)	An officer of appropriate rank should be appointed as “whole time in-charge” of the zoo with adequate administrative and financial powers.	Immediately	Inspector wildlife posted as full time incharge.
2	10.2 (2)	Adequate scientific and technical staff be employed as per Rules.	Immediately	Proposal sent to Government
5. Upkeep and healthcare of animals				
3	10.5 (9)	The staff involved in the healthcare of animals should be screened against zoonotic diseases at least once every year and records should be maintained.	One month	Done
4	10.5 (10)	Keeper Diary, Daily report, Animals Treatment Card etc. should be maintained in CZA’s prescribed format.	One month	Maintained
6. Veterinary and infrastructure facilities				
5	10.6 (1)	The work of the veterinary facility should be taken up immediately as per approved master (layout) plan.	Immediately	Hospital is about to be completed
6	10.6 (3)	A post mortem room should be constructed.	One year	Will be constructed during the current financial year
7	10.6 (5)	Veterinary officer and support staff should be employed/appointed.	Immediately	Veterinary officer posted
7. Post-mortem and disposal of carcass of animals.				
8	10.7 (2)	Post-mortem findings should be recorded in the CZA’s prescribed format & records should be maintained for a period not less than six years.	Immediately	Being recorded
9. Acquisition and breeding of animals.				

9	10.9 (4)	The zoo has not acquired mates for single Leopard, Rosy pelican & Silver pheasant housed at the zoo. The same should be acquired in the given time else the animals should be transferred or exchanged or given on breeding loan to any other zoo in accordance with the norms specified by the CZA in this regard.	Six Month	Mates acquired. Pairing done
12. Visitors facilities				
10	10.12(2)	The zoo should have first aid facilities including snake anti-venom and life saving drugs.	Immediately	Available
It is to inform that following are other conditions stipulated on recommendation of the evaluating officer				
Sr. No.	Norm No.	Particulars of Suggestions	Time required to comply	
General requirements				
1	10.1 (7)	The remaining drainage system should be covered as soon as possible.	Six month	Being done with construction of new enclosures
4. Animals housing, display of animals and animals enclosures				
2	10.4 (5)	The existing Langur enclosure should be revamped as per master (layout) plan.	One year	Done
3	10.4 (7)	Local shrub species should be planted for further natural screening in between the enclosure.	Three month	Planted
5. Upkeep and healthcare of animals				
4	10.5(1)	Footbaths should be provided at the entrance & exit of each enclosure.	Three month	Will be constructed soon
5	10.5 (2)	The food and water samples should be got tested randomly and records should be maintained.	One month	Attached
6. Veterinary and infrastructure facilities				
6	10.6 (5)	The work of remaining portion of boundary wall near water body behind crocodile enclosure should be complete on priority basis.	Immediately	Completed
11. Education and outreach activities				
7	10.11 (1)	Zoo should take up educational and other activities in planned way.	Three month	Will be started soon
12. Visitors facilities				
8	10.12(1)	Visitors shed/rain shelter should be constructed for visitors.	One year	Tender floated, work will be completed soon
9	10.12 (3)	The zoo should make arrangements for providing access to the handicapped persons for viewing animals at various animals enclosures.	Immediately	Wheel Chair available

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

a. Mammals

1. Rhesus Macaque
2. Hare
3. Porcupine

b. Birds

1. Indian Peafowl
2. Brown Francolin
3. Common Quail
4. Comb Duck
5. Common Kingfisher
6. Rock Pigeon
7. Shikra
8. Little Cormorant
9. Little egret
10. House Crow
11. Common Myna
12. Red-Vented Bulbul
13. Purple Sunbird
14. House Sparrow
15. Baya Weaver
16. Dhanesh
17. Black Headed Munia

c. Reptiles

1. Monitor Lizard
2. Cobras
3. Squirrel
4. Mongoose