

Dhauladhar Nature Park

Gopalpur



Annual Report for the year

2018-2019



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1. REPORT OF THE OFFICER-IN-CHARGE

As its name derives from the Mountain Range, Dhauladhar Nature Park Gopalpur is a beautiful small category zoo in the foothills of the Dhauladhar Mountain Range. Having geographic area of 12.5 hectares and housing 7 species of Mammals, 7 species of Pheasants, 3 species of Raptors, 2 species of Birds and 2 species of Reptiles are housed in a natural type habitat. This zoo is also a home for the rescued wild animals, which are rescued from the various parts of the Himachal Pradesh. The rescue team of DNP Gopalpur Zoo has continuously involved in rescue of wild animals.

This zoo is also providing natural parks to the visitors where Visitors can enjoy the nature. This is one of the most visited tourist destinations of the Himachal Pradesh and the visitor camping nearby place were attached to DNP Gopalpur Zoo.

2. HISTORY OF THE ZOO

The Park is located at a place which presents panoramic view of the unique feature of Dhauladhar Mountain Ranges and the valley, hence got the name Dhauladhar Nature Park. This park is situated 12 KM from Palampur on Palampur Dharamshala road. Famous "*Chamundaji*" temple which is one of the important pilgrimages is about 6 KM from Gopalpur. The tea gardens in adjoining areas add to the beauty of area. This park came into existence during 1992. The proximity of this place to tourist spots like Palampur, Dharamshala and "*Chamundaji*" Temple makes this park an attraction of thousands of tourists annually. The HPKVV Palampur, Veterinary College, IVRI and ICAR and numerous schools and colleges of at least seven districts of the state, benefit their students by undertaking their visits to this Park for educating them. About one lakh visitors mostly students and children visit the zoo per year. Dhauladhar Nature Park is spread over 12.5 hectares with beautifully landscaped gardens interspersed with small forest patches with an abundance of free ranging birds & Butterfly. Himachal Pradesh has been bestowed by Nature with diverse climate conditions. The Climate and terrain ranges from sub-tropical to alpine and cold desert conditions which inhabits a wide spectrum of flora and fauna.

3. VISION

To provide natural habitat to various wild animals and to spread the message of conservation of flora & fauna of the region by awareness educational programmes.

4. MISSION

Develop amongst visitors empathy for Wild Animals to motivate them to support the cause of conservation of Wildlife and Serve a better world for animals through human understanding.

5. OBJECTIVE

- a. To create awareness among visitors about Nature and Wildlife.
- b. Rescue & Conservation of wild animals.

- c. To provide opportunities of research to students on the animals ecology, behavior and disease investigations etc.

6. ABOUT US

S.No.	Particulars Information	Basic Information about the Zoo
1	Name of the Zoo	Dhauladhar Nature Park(ZOO) Gopalpur
2.	Year of Establishment	1992
3.	Address of the Zoo	DNP(ZOO), Gopalpur P.O. Gopalpur Teh. Palampur Distt. Kangra(HP) 176059
4.	State	Himachal Pradesh
5.	Telephone Number	01894-252034
6.	Fax Number	01894-252034
7.	E-mail address	rodnpgopalpur@gmail.com
8.	Website	www.gopalpurzoo.com
9.	Distance from nearest Airport:	32 KM (Gagal Airport)
10.	Railway Station:	12 KM (Chamundaji)
11.	Bus Stand:	200 mtrs (Gopalpur)
12.	Recognition Valid upto (Date)	22.03.2020
13.	Category of zoo	Small Zoo
14.	Area (in Hectares)	12.5 hectare
15.	Number of Visitors (2018-2019)	Adult :79870 Children+ Children Tour : 30106 Total Indian : 109976 Total Foreigners : 141 Total Visitors: 110117
16.	Facilities Available in Zoo	Drinking water Urinals Lawns Visitor Sheds Rain Shelters Zoo Visitor guides
17.	Weekly Closure Day of the Zoo	Monday
	<u>Management Personnel of the zoo</u>	
18.	Name with designation of the Officer in-charge	Sh. Hem Raj Range Forest Officer
19.	Name of the Veterinary Officer	Dr Vipin Kumar
20.	Name of the Curator	NIL
21.	Name of the Biologist	Sh. Vishal Thakur.
22.	Name of the Education Officer	NIL

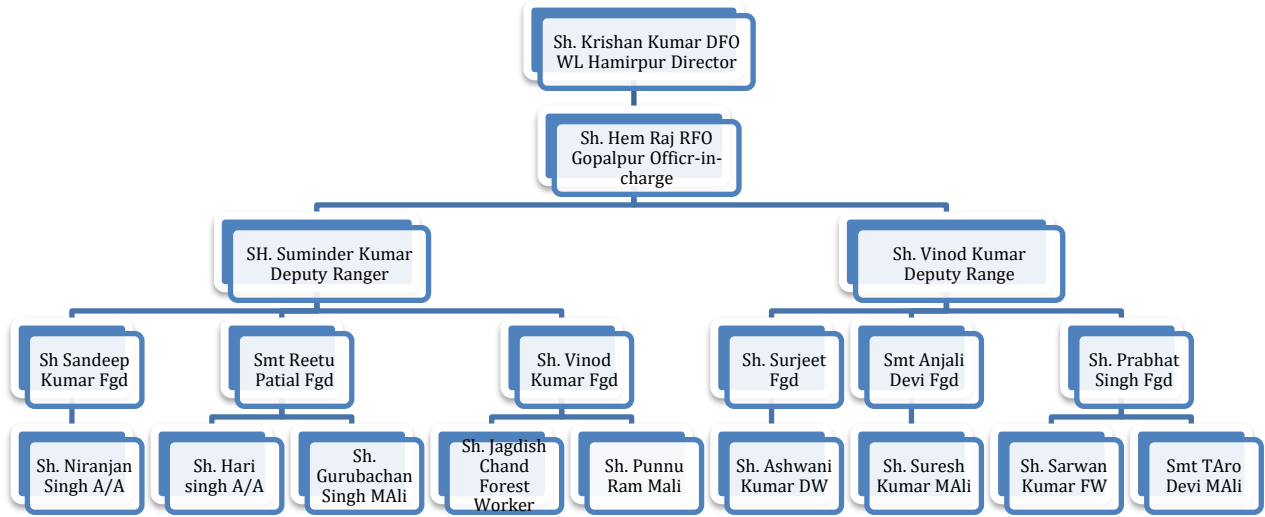
23.	Name of the Compounder/ Lab Assistant	NIL
	<u>Owner / Operator of the Zoo</u>	
24.	Name of the Operator	Sh. Krishan Kumar IFS
25.	Address of the Operator	Divisional Forest Officer Wildlife Division Hamirpur 177001
26.	Contact details/Phone number of Operator	01972222319
27.	E-mail address of Operator	dfowildlifehamirpur@gmail.com

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

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

- I. in the case of a firm or other association of individuals, any one of the individual partners or members thereof; or*
- II. in the case of a company, any director, manager, secretary or other officer, who is in-charge of and responsible to the company for the affairs of the zoo;
or*
- III. In case of zoo owned or controlled by the Central Government or any State Government or Union Territory Administration or any Trust or Society funded by the Central Government or a State Government or a Union Territory Administration, the Secretary of the concerned Department of that Government, or as the case may be the Union Territory Administration, shall be deemed to be the Zoo Operator.*

7. ORGANIZATION CHART



8. HUMAN RESOURCES..

Sr. No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1.	Veterinary Officer	1	1
2	Range Officer	1	1
3.	Block Officer	2	2
4.	Forest Guards	6	6
5.	Animal Attendants	5	2
6.	Mali	3	4
7.	Forest Workers	2	2

9. CAPACITY BUILDING OF ZOO PERSONNEL

S. No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
1.	Dr. Vipin Kumar, Veterinary Officer	Recent Training in Captive Wild animals Management	7-9 Jan 2019	Mysore Zoo, Karnataka

10. ZOO ADVISORY COMMITTEE – Zoo Management Committee

a. Date of constitution :- 1/2018

b. Members :

- i. DFO, Wildlife Division Hamirpur – Chairman
- ii. Veterinary Officer (Wild Life), DNP Gopalpur – Member
- iii. Range Forest Officer (wild life), DNP Gopalpur – Member
- iv. Dr. Pradeep Sharma Asstt Professor Veterinary medicine, DGCN COVAS, CSKHPKV Palampur - Member
- v. Sh. Bhupinder Singh Retd. Dy. Ranger DNP Gopalpur – Member
- vi. Pradhan Gram Panchayat Gopalpur – Member
- vii. Deputy Ranger and all Forest Guards DNP Gopalpur – Member

c. Dates on which Meetings held during the year : Nil

11. HEALTH ADVISORY COMMITTEE – Same as above.

12. STATEMENT OF INCOME AND EXPENDITURE OF THE ZOO

S. No.	Name of Work	Budget Allotted	Expenditure
1	Boundary wall completion	1385662.00	0.00
2	Boundary wall completion	4500000.00	0.00
3	CCTV Monitoring	102532.00	0.00
4	Wireless System	25000.00	0.00
5	Construction of Enclosure	2000000.00	0.00
6	Construction of Enclosure	3000000.00	0.00
7	Development of parking	1800000.00	0.00
8	Visitor path	840000.00	840000.00
9	Service path	361916.00	361916.00
10	Veterinary Hospital & Diagnostic lab	2500000.00	0.00

11	Procurement of various article for treatment room	200000.00	0.00
12	Rescue equipment	300000.00	300000.00
13	Exposure visit and outreach programme Zoo education	200000.00	200000.00
14	Hiring of Staff for Security Night Duty in DNP Gopalpur	200000.00	30375.00
15	Research (for conducting research generating data)	200000.00	54900.00
16	Fire control	50000.00	50000.00
17	Water Harvesting structure	550000.00	0.00
18	Contingency	100000.00	100000.00
19	Hiring of Vehicle	60000.00	60000.00
20	Landscaping	200000.00	200000.00
21	Improvement of Children park	100000.00	100000.00
22	Procurement of Wheel chair	100000.00	100000.00
23	Annual distempering and painting	125000.00	125000.00
24	Cleaning of Night Sheds	100000.00	80000.00
25	Improvement of drainage system	100000.00	100000.00
26	Cleaning of Weeds, landscaping	100000.00	100000.00
27	Maintenance of Water supply system	125000.00	125000.00
28	Electricity and other immediate repair work	100000.00	100000.00
29	Strengthening and repair of enclosure	1800000.00	1500000.00
30	Improvement of Toilet facility	150000.00	150000.00
31	Procurement of various articles in souvenir shop	250000.00	0.00
38	Electricity telephone water supply repair of equipment and vehicle etc.	300000.00	300000.00
	Total	24134710.00	6036791.00

13. DAILY FEED SCHEDULE OF ANIMALS

Sr. No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1.	Leopards	Chicken with bones	2.5 kgs per	2.5 Kgs per	Tuesday
		Mutton with bones (two days a week Monday and Friday)	2 Kgs. per	2 Kgs per	
2.	Leopard Cats	Chicken with bones	250 gram per	250 gram per	-
		Mutton with	250 gram	250 Gram per	

		bones(two days a week Monday and Friday)	per		
3	Himalayan Griffon	Chicken with bones	0.5 Kgs per	0.5 Kgs per	-
4	Steepe Eagle	Chicken with bones	0.5 Kgs per	0.5 Kgs per	-
5	Black Kite	Chicken with bones	250 gram per	250 gram per	-
6	Himalayan Black Bear	Roti (Maize + wheat)	1.25 Kg per each	1.25 kg per each	
		Potato	0.300 kg per	0.300 Kg per	
		Gur	0.100 kg per	0.100 Kg per	
		G/Nut	0.250 kg per	0.250 Kg per	
		Seasonal veg.	0.500 kg per	.0500 Kg per	
7	Barking deer	Concentrate mix	0.500 kg per	0.500 kg per	
		Green fodder	3 Kg per	3 Kg per	
8	Goral	Concentrate Mix	0.600 per	0.600 per	
		Green fodder	5 kg per	5 kg per	
9	Turtles	Eggs	2 No. per	2 No. per	
10.	African grey Parrot	Bird Mash	0.100 kg pr		
		Banana	½ per	½ per	
11.	Emu	Bird Mash	0.400 kg per	0.400 per kg	
12.	Red Jungle Fowl and Kalij	Bird Mash	0.200 kg per	0.200 kg per	
		Banana	½ per	½ per	
		Seasonal Veg	0.200 kg per	0.200 kg per	
13.	Indian Peacock	Bird Mash	0.200 kg per	0.200 kg per	
		Banana	1 No. per	1 No. per	
		Seasonal Veg.	0.200 kg per	0.200 kg per	
14	Bhutan Grey Peacock	Bird Mash	0.50 kg per	0.50 kg per	
		Seasonal Veg.	0.150 kg per	0.150 kg per	
15	Sambar	Concentrate Mix	2.625 kg per	2.625 kg per	
		Green Fodder	10 kg per	10 kg per	

16	Wild Boar	Black Gram	200 gram per	200 gram per	
		Concentrate Mix	300 gram per	300 gram per	
		Potatoes	1 kg per	1 kg per	
		Seasonal Veg.	1 kg per	1 kg per	

14. VACCINATION SCHEDULE OF ANIMALS

S. No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	Leopards (<i>Panthera pardus</i>)	Feline Rhinotracheitis - Calici panleukopenia	Fel-o-Vax 1 ml S/C each	Annual	

15. DE-WORMING SCHEDULE OF ANIMALS

S. NO.	SPECIES	DRUG USED	MONTH
1	Leopards & Leopard Cat	Panacur Bolus & Drontal Plus	November & May 2018
2	Black Bear	Panacur Powder A/Bendazole	June & December 2018
3	Pheasants	Piperazine Suspension	May & November 2018
4	Herd animals	Panacur Powder	May & November 2018
6	Birds of prey (vultures and Kites)	Panacur & Piperzine	April & October 2018

16. DISINFECTION SCHEDULE

S. NO.	SPECIES	TYPE OF ENCLOSURE	DISINFECTANT USED AND METHOD	FREQUENCY OF DISINFECTI ON
1	Leopards	Night Shed Enclosure	Chlorine bleach spray Lime Spray	Weekly Monthly
2	Black Bear	Night Shed Enclosure	Light KMNo ₄ Solution Lime spray	Weekly Monthly

3	Peasantry	Interlink Chain Enclosure	Bioquat	Weekly
4	Herbivores	Enclosure	Lime spray	Monthly

17. HEALTH CHECK-UP OF EMPLOYEES FOR ZONOTIC DISEASES

Health Check of the staff posted in DNP Gopalpur is done in the March 2019 and nothing abnormal detected.

18. DEVELOPMENT WORKS CARRIED OUT IN THE ZOO DURING THE YEAR

- a. Improvement of Visitor Paths.
- b. Improvement of Service Paths.
- c. Strengthening of various Enclosures.
- d. Improvement of Toilets.
- e. Improvement of Children Park
- f. Development of Parks etc.

19. EDUCATION AND AWARENESS PROGRAMMES DURING THE YEAR

a. Wild Life Week.

Like every year this year also wildlife week celebrated in Zoo in the first week of the October. 35 students took part in various activities like painting, slogan writing , essay writing and quiz competition. Painting Competition was organized for Primary Section , Slogan Writing Competition for Middle Section and Quiz competition for Secondary Section in the topic” Wildlife Conservation and Climate Change in Himachal Pradesh”. All the students took active participation in all above the activities.

b. Training on Wild Animals Conflict and Rescue Operation

Two days workshop on the topic “ Wild Animals Conflict and Rescue Operation” was organized at DNP Gopalpur on 11th and 12th September 2018 by the staff of DNP (ZOO) Gopalpur. The aim of workshop was to emphasize learning through participation, discussion and hands on activities on Snake rescue. The general objective of this workshop was to give wild life officers and staff a solid grounding that in field identification of the various snakes species found in HP



A total of 95 participants including Forest Officers and Officials from different circles participated in the workshop and shared their views on the different topics related to “Wild Animals Conflict and Rescue Operation”



c. Training in Handling and use of Tranquilization Equipment

One day training on the topic “ handling and Use of Tranquilization Equipments” was organized at DNP Gopalpur ZOO on 25th September 2018 by the staff of DNP Gopalpur ZOO. The general objective of this one day training was to give wild life officers and staff a solid grounding that how to handling and use of tranquilizing gun during the rescue operation in the field.



A total of 95 participants including Forest Officers and Officials from different circles participated in the workshop and shared their views on the different topics related to “ Handling and Use of Tranquilization Equipments”



IMPORTANT EVENTS AND HAPPENINGS

20. SEASONAL SPECIAL ARRANGEMENTS FOR UPKEEP OF ANIMALS N.A.**21. RESEARCH WORK CARRIED OUT AND PUBLICATIONS**

Nil

22. CONSERVATION BREEDING PROGRAMME OF THE ZOO

Nil.

23. ANIMAL ACQUISITION / TRANSFER / EXCHANGE DURING THE YEAR

S.No.	Name of Species	Male	Female	Total	From	To
1	Barking Deer	4	4	8	Dhauladhar Nature park (ZOO) Gopalpur	Himalayan Nature Park Kufri

24. RESCUE AND REHABILITATION OF WILD ANIMALS CARRIED OUT BY THE ZOO

Sr . N o.	Date of Rescue	Species with number of animals rescued with their sex (M: F:U:T)	Received from	Date of Submission of Report to the CWLW / CZA	Action taken	
					Date and Place of rehabilitation in their habitat	Reasons for housing in the zoo, if not released in their habitat
1.	24.04.2018, 27.04.2018, 26.05.2018, 30.07.2018	Leopards (3:1:0:4)	DFO Joginder Nagar, DFO Chamba, RO Sastar and RFO Bharwain		Male rescued received on dated 30.07.2018 release back in forest on dated 01.08.2018	Two Male Leopards were kept for Treatment and one Female died.
2.	28.04.2018, 17.05.2018, 27.12.2018	Indian Peafowl (3:0:0:3)	RO Palampur, RO Aghar, DFO Una.		-	All were badly injured & died
3.	18.05.2018	Black Kite (0:0:1:1)	RFO Bir		-	-
4.	22.06.2018, 28.06.2018	Goral (2:0:0:2) RFO Dharamshala	DFO Bharmour			Being kid kept in Zoo,
5.	30.06.2018	Silver Pheasant (1:0:0:1)	RFO Dharamshala		-	Exotic Species so kept in Zoo.
6.	30.06.2018	Ring Necked Pheasant (1:1:0:2)	RFO Dharamshala		-	Exotic Species so kept in Zoo.
7.	30.06.2018	Lady Amherest Pheasant	RFO Dharamshala		-	Exotic Species so kept in Zoo.

		(2:0:0:2)				
8.	18.07.2018, 22.07.2018	Indian Black Turtle (0:0:2:2)	RFO Daroh		-	-
9.	13.10.2018	Kalij Pheasants (2:2:0:4)	By local forest by Villagers.		-	Treatment in Zoo.
1 0.	23.11.2018	Sambar (1:0:0:1)	RFO Bangana		-	-
1 1.	15.12.2018, 23.01.2019, 16.03.2019	Barking Deer (0:3:0:3)	DFO Joginder Nagar, RFO Kangra, RFO Dalhousie		-	For Treatment in Zoo.

25. ANNUAL INVENTORY OF ANIMALS

Inventory Report for the Year: 2018-2019. Attached

26. 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
1.	Kalij	<i>Lophura leucomelanos</i>	Female	20.04.2018	
2.	Kalij	<i>Lophura leucomelanos</i>	Female	20.04.2018	
3.	Kalij	<i>Lophura leucomelanos</i>	Male	30.04.2018	
4.	Common Leopard	<i>Panthera pardus</i>	Female	09.05.2018	
5.	Himalayan Black Bear	<i>Selenarctos thibetonus</i>	Male	04.05.2018	
6.	Leopard Cat	<i>Prionailurus bengalensis</i>	Unidentified	29.06.2018	
7.	Common Leopard	<i>Panthera pardus</i>	Female (Cub)	01.07.2018	
8.	Wild Boar	<i>Sub scrofa</i>	Male	18.11.2018	
9.	Barking Deer	<i>Muntiacus muntjak</i>	Female (Fawn)	11.02.2019	

**27. COMPLIANCE WITH CONDITIONS STIPULATED BY THE CENTRAL ZOO
AUTHORITY**

S. No.	Norm No.	Condition Stipulated	Compliance Report
1. General requirement.			
1.	1.3	Directional Signage Should be provided at each crossing for smooth movement of visitors.	Needful Done.
2.	1.4	The rear end of the park should be provided with strong chain link fence to check entry of unregulated visitors.	Needful Done.
3.	1.5	Boundary wall of the height of 2 mtr. On the rear side must be constructed.	Needful Done.
4.	1.7	Arrangement for proper disposal of Liquid waste particularly in carnivores should be provided.	Needful Done.
3. Development and planning.			
5.	3.4	The animal collection plan should be prepared as per CZA format.	The animal collection plan is submitted in the Master Plan of DNP Gopalpur for Approval.
4. Animal housing, display of Animals and animal enclosure.			
6.	4.1	a. the area and naturalness should be increased in porcupine, kite, Himalaya Vulture and Pheasants.	Needful Done.
		b. the kite and Himalayan vulture should be kept separately.	Needful Done.
7.	4.5 & 4.6	The exhibits of Pheasants, Kite, Himalayan Vulture, Porcupine, Grey Parrot should be revamped as to meet CZA norms.	Needful Done.
		The floor of Pheasants, Pea cock and Grey parrot should be made Kaccha.	Needful Done.
8.	4.7	Screening space should be provided between Leopard and Leopard Enclosures, Goral and Barking Deer.	Screening done between Goral and Barking Deer Enclosures.
9.	4.9	Stand of Barriers with Hedge should be provided in all enclosures.	Needful Done.
10.	4.10	Directional and warning signage's should be provided at all relevant places.	Needful Done.
5. Upkeep and Healthcare of Animals.			
11.	5.1(g)	Foot bath should be provided at the entrance of each night house.	Needful Done.
12.	5.2(6)	The food and water samples should be got tested randomly.	Needful done randomly in IVRI and CSKHPKV Palampur.
13.	5.3(4)	A Written schedule for vaccination should be prepared and kept near enclosure.	Needful done.

14.	5.3(5)	The operator should prepare and use keeper dairy, daily report, animals treatment card, animal history herd/card and stud book.	Needful done in CZA format.
15.	5.3(6)	The staff involved in the healthcare of animals should be screened against Zoonotic diseases once every year.	Needful done every year.
6. Veterinary and infrastructure facilities.			
16.	6.1(k)	General cleaning and maintenance of treatment room should be improved.	Needful done.
7. Post-mortem and disposal of carcasses of animals.			
17	7.2	Post mortem finding should be recorded in CZA format	Needful done.
9. Acquisition and breeding of animals			
18.	9.1 & 9.4	Mates for the following species should be acquire:- a) Himalayan thar (M). b) Leopard Cat (Un Sexed). c) Himalayan Vulture (Un Sexed). d) African Grey Parrot (Un sexed). e) Porcupine (2M)	Sent to HNP Kufri Zoo. Mate rescued. Mate rescued. Done shortly. Died
12. Visitors facilities.			
19.	12.1	a) Directional Signage's should be provided at every crossing. b) Roads, Paths and lawns should be made smooth and presentable.	Needful Done. Needful Done.
20.	12.2	First aid kit and anti snake venom should be kept.	Needful done.
21.	12.3	Ramp Should be made for handicapped visitors	Will be done this year.

28. LIST OF FREE LIVING WILD ANIMALS WITHIN THE ZOO PREMISES

- a. Mammals:** Wild Boar , Leopards, Indian Grey Mongoose.
- b. Birds :** Red Jungle Fowl , Kaliz, Alexandrine Parakeet, Black Bulbul, Spotted Dove, Himalayan Bulbul, Red Collard Dove, Brown fronted woodpecker, Pied Kingfisher, Long Tailed Shrike, Oriental magpie Robin, Laughing Dove, Black Rumped Flameback, Great Tit, Plum Headed Parakeet, Coppersmith Barbet, Large Billed Crow, Indian Robin, Rose Ringed Parakeet, Indian Grey Hornbill, Grey Bushchat.
- c. Reptiles:** - Rat Snake, Russell's Viper, Common Trinket, Checked Keelback, etc.