

PIPLI ZOO

(HARYANA)

**Annual
Report of
Activities**

2017-18

Report on the activities of Pipli Zoo Haryana for the period April 2017 to March 2018 is provided with supportive pictures of events. Status of compliance of conditions communicated vide CZA letter No. 19-89/92-CZA (83)(VOL.II)(BKG)/896/2016 Dated 14/06/2016.

**Prepared by
Sh. Shiv Singh
Divisional Wildlife Officer
Panchkula**

CONTENTS

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

Report of the Officer incharge

Dear Readers,

I took over the charge of Divisional Wildlife Officer Panchkula on 1st April 2016 when Pipli Zoo was ready for inauguration after its up-gradation. Pipli zoo was started mini zoo in 1982. It was close for public in 2013 for its construction as per New approved Master Plan. On 13th April 2016 (Baisakhi Day) zoo was opened for public after its inauguration by Rao Narbir Singh, Hon'ble Forest & Wild Life Minister, Govt. of Haryana. Pipli Zoo is small but beautiful zoo. Although the zoo is small but beautifully designed. During 2017-18 a healthy number of visitors (1,29,946) visited the zoo. This number shows the attraction of the zoo.

As conservation education is the main objective of the zoos, we also organize various educational programmes to reach out as many people as possible. Wildlife Week 2017 was celebrated from 1st October to 7th October and the entry of visitors was free during this period. As a part of wildlife week 2017 celebration eco-quiz and drawing/painting competition were organized. School children of 9th class to 12th class took part in eco-quiz competition while the children of 6th class to 8th class in painting/drawing competition. All participants were given refreshments while winners were awarded with prizes also.

As per the approved Master Plan of the Zoo we have constructed all enclosures. Our main focus is on providing good hygienic condition to all animals and breeding programme of Lion. As the survival rate of Lion cub is less in comparison of other captive species then our zoo has taken it as a challenge.

During 2017-18 the zoo has been facilitated with a veterinary hospital and isolation ward. The open area of the zoo has been planted with fruit bearing and shady plants in a planned manner.

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
Panchkula

2. **History of the Zoo** – Pipli Zoo was established as Deer Park in the year 1982 on an area of 7.20 hectares (18 acres) of Pipli protected forest. It is located on the right side on National Highway-1, i.e. G.T. road at 160 Km from New Delhi in Kurukshetra district. In 1988, the department acquired another 3.63 hectares (9 acres) adjoining to this Deer Park. As a consequence, the total area of Mini Zoo Pipli became 10.83 hectares (27 Acres). In September 1987, a few animals and birds were added to the Deer Park collection and it took the shape of a Mini Zoo. It is recognized as Mini Zoo by Central Zoo Authority of India on 10.08.2005.



PIPLI ZOO

3. **Vision -**

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

4. Mission-

The Pipli 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. Pipli 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.



5. Objective-

1. Our basic objective is to maintain the zoo and to provide healthy environments to zoo animals.
2. To provide better facilities to visitors and sensitize the local people about wild animals.
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 animals housed in the zoo and use the same in future management of the zoo.

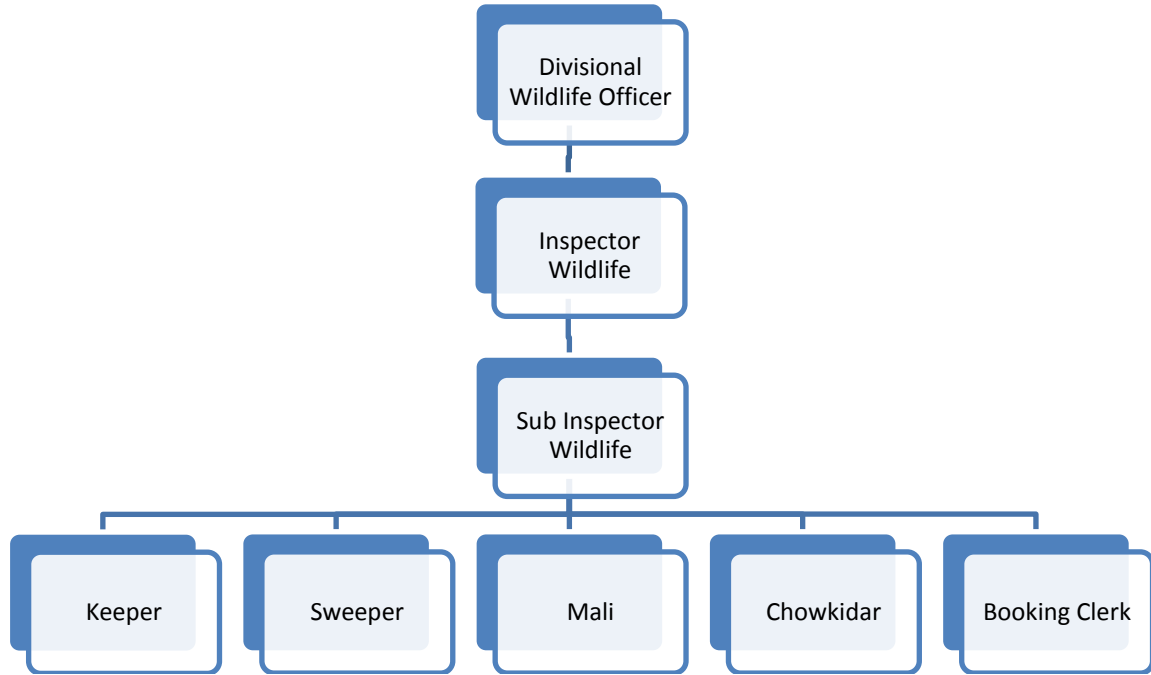
6. About us

S. No.	Particulars	Information
Basic information about the Zoo		
1	Name of the Zoo	PIPLI ZOO
2	Year of Establishment	1982
3	Address of the Zoo	GT ROAD PIPLI DISTT KURUKSHETRA
4	State	HARYANA
5	Telephone Number	01744-230951
6	Fax Number	-
7	E-mail address	dwlomorni@yahoo.com
8	Website	-
9	Distance from nearest	Airport: 160 Km (Delhi)
		Railway Station: 4 Km (Kurukshetra)
		Bus Stand: 400 Mtr
10	Recognition Valid upto (Date)	05-05-2018
11	Category of zoo	Small
12	Area (in Hectares)	10.93
13	Number of Visitors (2017-18)	Adult: 129946
		Children: 49212
		Total Indian: 179158
		Total Foreigners: -
		Total Visitors: 179158
14	Visitors' Facilities Available in Zoo	1. Drinking Water 2. Toilets 3. Visitors Sheds 4. Grass Lawn 5. Disabled Wheel Chairs

		6. Canteen 7. Seating benches 8. 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. Rajiv Garg
	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



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	-	1
3.	Sweeper	-	1
4.	Keeper	-	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.	Rajiv Garg, Inspector Wildlife	Certificate Course in Wildlife Management	3 month	WII Dehradun

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 (2017-2018) 15.46 lakh (Entry Fee)
2. Expenditure (2017-18) 74.33 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	-		
8	Sambar	Haldi	25gm	25gm	-		
		Dry Fodder	2kg	2kg	-		
		Green fodder	15kg	15kg	-		
		Cattle Feed	500gm	500gm	-		
		9	Black Buck	Dry Fodder	1kg	1kg	-
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. Parmar	Group- D	25.06.2018	Fit except Cataract left eye
2.	Sh. Sunder	-do-	26.06.2018	Fit
3.	Ram Baran	-do-	26.06.2018	Fit

18. Development Work carried out in the zoo during the year 2017-18

1. A veterinary hospital has been constructed.
2. An Isolation Ward has been constructed.



19. Education and Awareness programmes during the year

1. Every week children of one school of the city and surrounding rural area is called for zoo visit free of cost and children are given lecture on wild life in present scenario.
2. The zoo remains free for visitors during the wild life week.
3. Swachhata Pakhwara was celebrated twice during the last year.
4. Wild life eco-quiz and drawing competitions were held during wild life protection week.

20. Important Events and happenings –

As mentioned above.

21. Seasonal special arrangements for upkeep of animals

1. Arrangement of water cooler in summer season and blowing 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.

-

23. Conservation Breeding Programme of the Zoo

1. Breeding programme for the breeding of Lion has been started. Lioness gave birth to three cubs but could not survived. As we learned many new things about the habits of Lion 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
	-	-	-	-	-
B.	Animals going from the Zoo				
	H. NO.	Species	Number (M:F)	Going to which zoo	Date of Deposition from the zoo
	-	-	-	-	-

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:- List Attached

Form-II
[See Rule 11(1)]
Part-A

Inventory Report for the year:

Endangered Species*

Sr. no	Animal Name	Scientific name	Opening Stock as on				Births			Acquisition			Disposal			Death			Closing stock as on 31.03.2018			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1.	Peafow	Pavo cristatus	2	4	-	6				-	-				1	-	-	1	4	-	5	
	1	Gracula religiosa	1	-	-				-	-					1	-	-	-	-	-	-	
	Hill	intermedia	3	3	-				-	-					-	1	-	3	2	-	5	
	Myna	Lophurs leuomelana																				
	Total		6	7	-	13				-	-			2	1		4	6	10	10		
2.	Lion	Panthera leo persica	1	1	-	2			3	-	-				-	-	3	1	1	-	2	
	Panther	Panthera Pardus	1	1	-	2			-	-	-				-	-	-	1	1	-	2	
	Jackal	Carcus aureus	3	3	2	8			-	-	-				1	1	-	3	3	-	6	
	Black buck	Antilope Cervicapra	1	-	-	1			-	-	-				-	-	-	1	-	-	1	
	Total		6	5	2	13			3	-	-			1	1	3	6	5	-	11		
3.	Crocodile	Crocodylus porosus and Crocidilus Palustris	3	3	-	6				-	-							3	3	-	6	
	Gharial	Gravialis gangeticus	1	3	-	4				-	-							1	3	-	4	
	Total		4	6		10				-	-							4	6	-	10	
	Total animal		16	18	2	36				3				3	2	3	14	17	-	31		

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

Part-B

Other than Endangered Species

Sr. no	Animal Name	Scientific name	Opening Stock as on				Births			Acquisition			Disposal			Death			Closing stock as on 31.03.2018			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1.	Red jungle fowl	Medigose	7	14	-	21				-	-				1	3	-	6	11	-	17	
	Brown partidge	Phasianidae	-	-	4	4				-	-				-	-	-	-	-	4	4	
	Total		7	14	4	25				-	-			1	3	-	6	11	4	21		
2.	Langur	Presbytis entellus	2	3	1	6			1	-	-				-	1	-	2	2	2	6	
	Sambhar	Cervus unicolor	1	2	-	3			-	-	-				-	1	-	1	1	-	2	
	Hyena	Hyaena hyaena	-	1	-	1			-	-	-				-	-	-	-	1	-	1	
	Hippo	Hippopotamus amphibius	1	1	-	2			-	-	-				-	-	-	1	1	-	2	
	Total		4	7	1	12			1	-	-			-	2	-	4	5	2	11		
	Total animal		11	21	5	37			1	-	-			1	5	-	10	16	6	32		

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	Peafowl	Pavo cristatus	M	04.4.2017	Cardio-Vascular failure
2	Jackal		F	17.05.2017	Injuries caused by infighting
3	Lion Cub (2 no)	Panthera leo persica	Y	09.05.2017	Respiratory failure
4	Lion Cub (1 no)	Panthera leo persica	Y	28.05.2017	Asphyxia
5	Jackal	Carcus aureus	M	22.07.2017	Due to infighting injury
6	Kalij	Lophurs leuomelana	F	01.09.2017	Due to infighting among birds
7	Hill mynea	Gracula religiosa intermedia	M	07.03.2018	Heart failure on account of old age

28. Compliance with conditions stipulated by the Central Zoo Authority

Sr. no	Norm Under 2009	No. RZR	Condition Stipulated	Time Period to comply	Since when pending	Status with regard to compliance of the conditions
General Requirement						
1	1(5)		Perimeter wall behind enclosure for Sambar may be increased to minimum prescribed height	6 month	mentioned in renewal of recognition condition dated 14-6-2016	done
Administrative and Staffing Pattern						
2	2(2)		Adequate manpower should be deployed in the zoo as per Recognition of Zoo Rules, 2009	with immediate effect	-do-	done
3 Animal housing, display of animals and animal enclosures						
	4(2)		High fencing on top of moat walls in enclosures for Lion and Blackbuck may be removed along with the improvement in the structure of water tank in enclosure for Hippopotamus	6 month	-do-	done
4 Upkeep and Healthcare of Animals						
	5(2)		The random samples of food and water should be got tested periodically	with immediate effect	-do-	done
	5(6)		Staff handling animals should be screened twice a year	with immediate effect	-do-	done
5 Veterinary and infrastructure facilities						
	6(1)		The existing veterinary infrastructure should be revamped to meet the desired healthcare requirement as per the Master (Layout) Plan/Master Plan approved by the CZA.	one year	-do-	done
	6(3)		Quarantine ward may be developed as per approved Master (Layout) Plan or Master Plan	six month	-do-	done

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

a. Mammals

1. Rhesus Macaque
2. Hare

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

