

KANPUR ZOOLOGICAL PARK, KANPUR

Annual Report for the year
2018-19



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1. Report of the Director



Kanpur Zoological Park is a premier large zoo of India located amidst natural forests spreading over an area of 76.56 hectare. The zoological park together with the Allen lake and safari area.

The Kanpur Zoological Park established in the 4th February, 1974. The Kanpur zoo epitomizes the unique integration of in-situ and ex-situ conservation initiatives. The sprawling zoo houses 123 species of amphibians, reptile's birds and mammals. The natural forest areas of

Kanpur Zoological Park provide home to rich assemblage of free living animals including 14 types of reptiles, 37 types of mammals, 44 types of birds and 28 types of fishes. There was significant improvement in the infrastructure development, animal collection, and healthcare and conservation research. Many zoo education and awareness programme including celebration of Wildlife Week, Elephant Day, Tigers Day, World Wetland Day, Foundation Day etc. is organized during the year 2018-19.

Kanpur Zoological Park organized various programmes throughout the year to spread awareness on wildlife conservation seminars on topics like people's participation on zoo development, biodiversity conservation and wildlife protection etc. also, were organized in which large number of school students, NGO's, nature lovers and different level of officers participated.

The lake in the Zoo attracted a large number of resident and migratory birds, whose nesting and breeding gave impetus to in situ conservation of these birds. One side of the lake lies the jungle safari area in which watch tower, picnic spots and viewpoints have been constructed for nature lovers specially the bird watchers. Proper upkeep and better facilities resulted in a considerable increase in the number of visitors in the Zoo.

None of these achievements would have been possible without the hard work and support of our ACF, Zoo Veterinarians, devoted employees, Zoo friends and Zoo volunteers, Media also played an important role in spreading awareness on all matters related to the Zoo. I convey my thanks to everyone involved in the task.

Best wishes

Kanpur

Sunil Chudhary, IFS
Conservator of Forests/Director
Kanpur Zoological Park, Kanpur

2. **History of the Zoo**

The construction of the Zoological Park started in the year 1971 and was opened for the public on 4th February, 1974. It is situated on the fringes of industrial city of Kanpur. The park, which is spread in an area of 76.56 hectare, is a part of lush green Allen-forest. Allen forest was developed during the British rule between the years 1913-1918 by Mr George Burney Allen, a famous British industrialist of Kanpur. It was developed on the banks of the river Ganges. Due to the efforts of Mr. George Burney Allen and the then Governor, the land was taken into Government possession. A portion of the forest area was converted into a zoological park. The park has been providing Education to the children and the adults since then. The Zoo lake, spread in an area of 18 hectares, is a part of the Zoo and is a good habitat for a large number of crocodiles and fishes. A variety of resident and migratory bird species also visit the area and this has been a visual treat for the keen bird watchers.

3. **Vision**

To preserve wild life through education, Conservation and research.

4. **Mission**

A centre committed to provide a rich habitat for wild animals, conserve nature and create empathy and compassion for wildlife.

5. **Objective**

Kanpur Zoological Park was started with the primary objective of working towards conservation of the rich biodiversity particularly the wild fauna. Following are the main objectives.

- Supporting conservation of endangered species
- Providing safe and appropriate natural environment for zoo animals
- Ensuring proper upkeep and maintenance of the wildlife population.
- Inspiring visitors to have compassion and empathy for wild animals & to raise public awareness on conservation of the natural resources and importance of maintaining the ecological balance
- Providing opportunities for scientific studies
- Providing the facility of rescue centre for orphaned and stray wild animals.

6. About us

Kanpur Zoological Park is a big zoo and having three ISO Certificate. Kanpur Zoological Park is situated on the fringes of industrial city of Kanpur. The park which is spread in an area of 76.56 hectare is a part of lush green Allen forest. The construction of the park started in the year 1971 and was developed on modern management principles. It was opened for public in the year 1974. In the last four decades, the zoological park has played an important role in the care of wildlife and creating awareness among public regarding wildlife conservation.

Allen forest was developed during the British rule between the years 1913-1918 by Mr. George Burney Allen, a famous British Industrialist of Kanpur. The forest has been developed on the banks of the river Ganges. Due to the efforts of Mr. George Burney Allen and the then Governor, the land was taken into Government possession. A portion of the forest area was converted into a zoological park. The zoo was inaugurated by a child on the 4th of February, 1974. Since then the zoological park has been the children's favourite entertainment site. A lake, spread in an area of 18 hectares, has been a centre of attraction since the beginning, as there are many fishes in the lake and water birds visit the area regularly. Kanpur Zoo has a good breeding history of both endangered and exotic species. The zoo is a designated breeding centre for Swamp deer and is a participating zoo for breeding of Indian Rhinoceros.

The enclosures in the park are designed according to the modern management principles. Every enclosure has ample greenery and effort was made to provide natural habitat ambiance in every enclosure so that the animals could feel at home. Feeding houses have been constructed with squeeze cases in the houses of the tiger, lion, leopard and other similar species. This arrangement is very helpful for their treatment when they are sick. The premise is full of wide variety of herbs, shrubs and trees. A variety of free roaming animals are also thriving in the zoo premises. They consist of crocodiles, monkeys, many varieties of Civets, Hares, Porcupines, Bats, Squirrels, Mongoose, Lizards, Snakes, and Peacock etc. A well-equipped veterinary hospital takes care of the health of Zoo animals. The Zoo has sufficient facilities for the Visitors like pure drinking water, neat and clean toilets, beautiful lawns with benches, six lake viewpoints, six picnic spots, canteens etc.

Kanpur zoological park is a Government Organization in which officers and staff are posted by the State Government. All works related to scientific management of the Zoo is done under the guidance of the Central Zoo Authority (CZA). One of the guidelines of CZA states that part of the revenue which is generated in zoological parks should be recycled for the maintenance and development of the zoo. With a view to provide autonomy to the management of the Zoological Park, U.P. State Government gave permission

for the creation of a Society in the Zoo. The society named KANPUR PRANI UDYAN PRABANDH EVAM VIKAS SOCIETY was registered under the Societies Registration Act, 1860 on 25th August, 2011. According to the bylaws of the society, the entrance fee and all other revenue collected from bicycle stand, food courts etc. are deposited in the Society's Account in a nationalized bank. Moreover, Para 26 of the bylaws state that the society can also accept fund in the form of donation from Public Sector Organizations, Private Institutions and Individuals. Strong partnership approach in the form of sponsorship by the corporate sponsors, business organizations and individuals will go a long way towards proper development and better maintenance of the zoo.



S.No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	KANPUR ZOOLOGICAL PARK, KANPUR
2	Year of Establishment	1974
3	Address of the Zoo	KANPUR ZOOLOGICAL PARK, AZAD NAGAR NAWABGANJ KANPUR,
4	State	UTTAR PRADESH
5	Telephone Number	0512-2560257
6	Fax Number	0512-2560257
7	E-mail address	<u>kanpurzoo@gmail.com</u>
8	Website	www.kanpurzoo.org
9	Distance from nearest	Airport: 29 km
		Railway Station: 5 km
		Bus Stand: 0.5 km
10	Recognition Valid upto (Date)	22-03-2020
11	Category of zoo	Large zoo
12	Area (in Hectares)	76.56
13	Number of Visitors (Financial Year)	Adult : 442832
		Children : 362249
		Total Indian : 805081
		Total Foreigners : 69
		Total Visitors: 805150
14	Visitors' Facilities Available in Zoo	<ul style="list-style-type: none"> • R.O. Water Plant • Clean Toilets at convenient locations • Signage's • Snacks & Ice - Cream Bars • Parking Facility • Wheel chairs for differently abled persons • Souvenir Shop • Sheds/sit outs/ rest areas • Cloak Room • Battery Operated vehicles • Zoo train • Bicycles

S.No.	Particulars	Information
15	Weekly Closure Day of the Zoo	Monday
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	SRI SUNIL CHAUDHARY, Director
	Name of the Veterinary Officer	1- DR. U.C. Srivastava 2- Dr. R.K. Singh 3- DR. Mo. Nasir
	Name of the Curator	Sri A. K. SINGH
	Name of the Biologist	Sri I.P. Yadav
	Name of the Education Officer	-
	Name of the Compounder/ Lab Assistant	Mr. Vipin Agnihotri
Owner / Operator of the Zoo		
17	*Name of the Operator	Mrs. Renuka Kumar, IAS -
18	Address of the Operator	Secretariat, Bapu Bhawan, Vidhan Sabha Marg, Lucknow.
19	Contact details/Phone number of Operator	0522-2238669
20	E-mail address of Operator	psecforest-up@nic.in

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

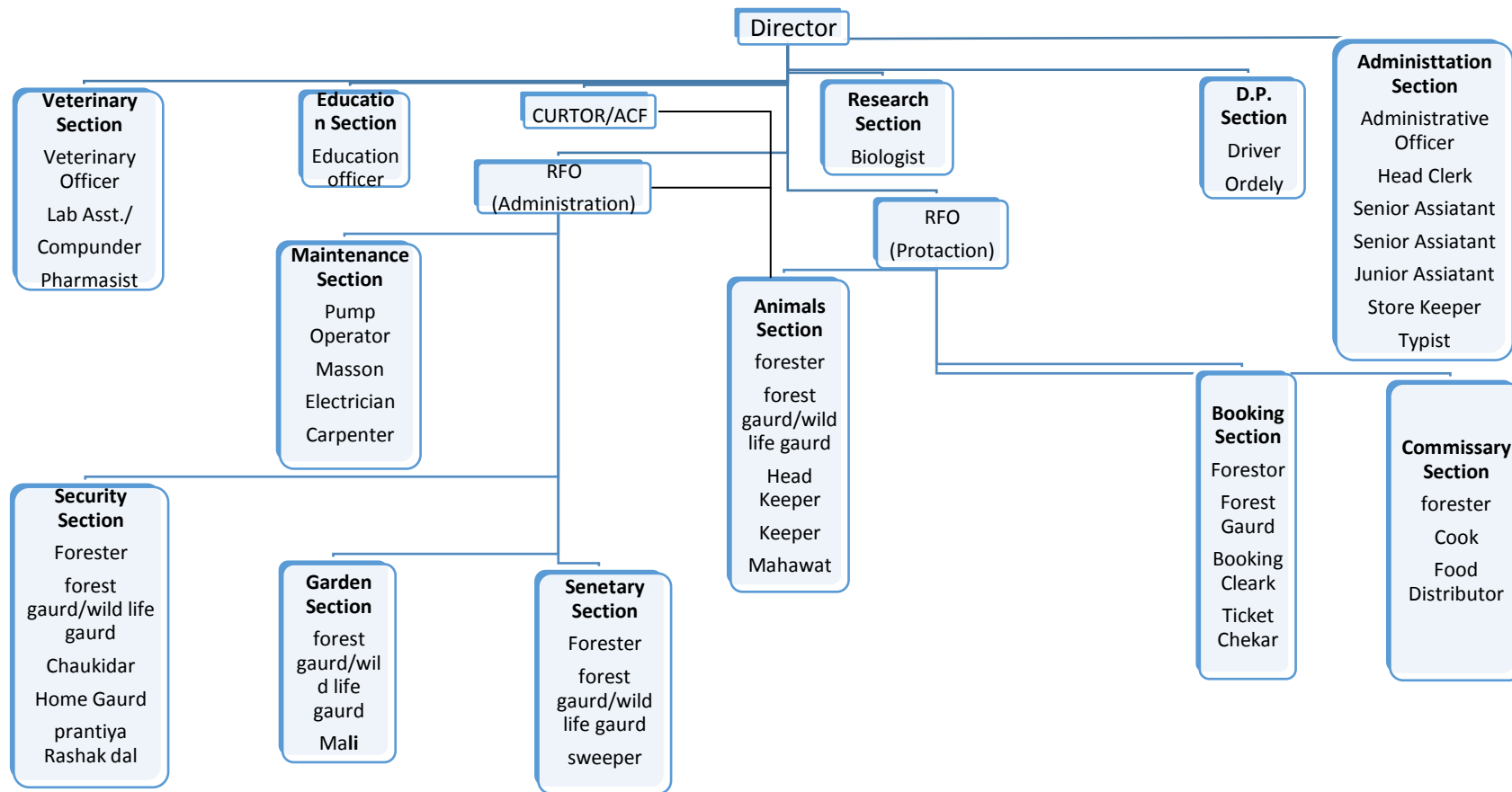
“Zoo Operator” means the person who has ultimate control over the affairs of the zoos provided that_____

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.

1. Organizational Chart





1. Human Resources (Permanent Establiment Personel) Manpower of the Zoo*

Staff Position of Kanpur Zoological Park as on 31st March 2019				
S.No	Designation	Sanctioned strength	No. of staff in position	No. of vacancy
1	2	3	4	5
1	Conservator/Director	1	1	0
2	ACF/Curator	0	1	+1
3	Veterinary Officer	3	3	0
4	Range Officer	2	1	1
5	Draft Man	1	0	1
6	Deputy Ranger	0	1	+1
7	Administrive Officer	0	1	+1
8	Head Clerk	1	1	0
9	Senior Assistant	3	2	0
10	Junior Assistant	2	1	0
11	Store Keeper	1	0	1
12	Typist	1	0	1
13	Forester	4	4	0
14	Assistant Veterinarian	1	0	1
15	Forest/W.L. Guard	5	5	0
16	Driver	1	0	1
16	Keeper	13	7	6
17	Chowkidar	19	9	10
18	Mali	10	7	3
19	Orderly	3	3	0
20	Booking Clerk	3	2	1
21	Ticket Checker	2	2	0
22	Pump Operator	2	0	2
23	Mahawat	2	1	1
24	Cook	2	1	1
25	Food Distributor	2	2	0
26	Masson	1	1	0
27	Carpenter	1	0	1
28	Electrician	1	0	1
29	Sweeper	12	9	3
30	Part time Sweeper	1	0	1
	Total	100	65	35

Note:- Apart from abne **Permantent Estebllitment Personel Large no of Human Resourees are being engagen through outsourcing.**

*Please give abovementioned information in respect of all zoo personnel, from the Officer in-charge upto the Animal Keeper.

1. 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
1	All the zoo Personnel	Yoga	1 day	Kanpur Zoological Park, Kanpur
2	Veterinary Officer, Biologist, Reptile Expert, Forest Guard, Animal Handling Staff.	Education and study	5 day	Butterfly park, Mumbai,
3	Foresters, Animal Handling Staff.	Education and study	4 day	Patna zoo, bihar

2. Zoo Advisory Committee – Kanpur Prani Udyan Prabandh Evam Vikas society

a. Date of constitution:- 25-08-2011

b. Members

1. Principal Chief Conservator of Forest, Wild Life, U.P, Lucknow
2. Director, Kanpur Zoological Park, Kanpur
3. Chief Conservator of Forest Eco Development, UP. Lucknow.
4. Divisional Forest Officer, Kanpur Nagar.
5. Deputy Conservator of Forest Wild Life, UP. Lucknow
6. Director, NWAS Zoological Garden, Lucknow
7. Finance Controller, UP, Lucknow.

a. Dates on which Meetings held during the year:- 30 Oct. 2017,

8. Health Advisory Committee–

Though most of the cases related to wild animal disease are diagnosed and treated by the zoo vets However, for better diagnosis and treatment of the Wildomestic animals the zoo has signed MoU with Indian veterinary research institute, Izatnagar and Pt. Deen

Dayal Upadhyay Veterinary University, Mathura. Apart from above one more committee of experts provides inputs for the upkeep of the zoo inmates.

STATE LEVEL HEALTH ADVISORY COMMITTEE

DATE OF CONSTITUTION:

MEMBERS:

1. Principal Chief Conservator of Forest, U.P, Lucknow
2. Principal Chief Conservator of Forest, Wild Life, U.P, Lucknow
3. Member Secretary, CZA, New Delhi
4. Additional Chief Conservator of Forest, State Zoo Authority, U.P, Lucknow
5. Director, Kanpur Zoological Park, Kanpur
6. Director, Animal Husbandry, U.P
7. Director, Kanpur Zoological Park, Kanpur
8. Incharge, IVRI, Bareilly
9. Dy. Director, NWAS Zoological Garden, Lucknow
10. Veterinary Officer, Kanpur Zoological Park, Kanpur
11. Director, Clinics, DUVASU, Mathura
12. Director, Etawah Safari Parks, Etawah

DATES ON WHICH MEETING HELD: 23 AUGUST 2017, 20 MARCH 2018

9. Statement of income and expenditure of the Zoo

Statement of Expenditure for the Financial Year 2018-19

S.No.	Expenditure Head	Amount (in Rs)
Non plan		
1	Establishment & other allowances	2,51,32,585.00
2	Feeding, Maintenance and Renovation	1,00,00,000.00
3	Development of Zoo/miscellaneous	41,00,000.00
	Sub total	3,92,32,585.00
4	Deposits	1,25,24,157.00
5	Society	3,87,47,816.00
	Total	9,05,04,558.00



10. Daily feed Schedule of animals

Sl.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Lion	Meat	14 kg	10 kg	Friday
2	Tiger	Meat	14 kg	10 kg	Friday
3	Leopard	Meat	4kg	3 kg	Friday
4	Wolf	Meat	3kg	2.50 kg	Friday
5	Hyena	Meat	3kg	2.50 kg	Friday
6	Fox	Meat	0.5 kg	0.3 kg	Friday
7	Jungle cat	Meat	0.5kg	0.3 kg	Friday
8	Leopard Cat	Meat	0.5kg	0.3 kg	Friday
9	Civet	Meat	0.5kg	0.3 kg	Friday
10	Vulture	Meat	1 kg	0.8 kg	Friday
11	Kite	Meat	0.8 kg	0.6 kg	Friday
12	Jackal	Meat	1 kg	0.9 kg	Friday
13	Pelican	Fish	1.25 kg	1 kg	-
14	Crocodile	Fish	0.2 kg	0.350 kg	-
15	Rhino Ceros	Chari	-	70 kg	-
		Barseem	80 kg	-	-
		Banana	2.5 kg	2.5 kg	-
		Animal Feed	2.25 kg	2.25 kg	-
		Sugar Cane	70 kg	-	-
		Jaggery	1 kg	-	-
16	Hippopotamus	Chari	-	70 kg	-
		Barseem	80 kg	-	-
		Vegetable	2 kg	2 kg	-
		Banana	1 kg	1 kg	-
		Potato	2 kg	2 kg	-
		Animal Feed	2 kg	2 kg	-
		Straw	10 kg	Only one month	-
17	Sambhar/Swamp Deer/ Blue Bull	Chari	-	10 kg	-
		Barseem	10 kg	-	-
		Animal Feed	0.6 kg	0.6 kg	-
		Vegetable	0.5 kg	0.5 kg	-
		Jaggery	100 g.	-	-
		Lopping	20 kg (Nov.)	-	-
18	Spotted Deer	Chari	-	7 kg	-
		Barseem	7 kg	-	-
		Animal Feed	0.3 kg	0.3 kg	-
		Lopping	10 kg (Nov)	-	-
		Vegetable	150 g	150 g	-

19	Thamin/Sikka	Jaggery	50 g	-	-
		Chari	-	10 kg	-
		Barseem	10 kg	-	-
		Animal Feed	.6 kg	.6 kg	-
		Vegetable	400 g	400 g	-
		Jaggery	100 g	-	-
20	Black buck/Chinkara/Barking Deer /Goral	Lopping	15 kg (Nov.)	-	-
		Chari	-	6 kg	-
		Barseem	6 kg	-	-
		Animal Feed	300 g	300 g	-
		Vegetable	150 g	150 g	-
		Jaggery	50 g	-	-
21	Hog Deer/Chausingha	Lopping	10 kg (Nov.)	-	-
		Chari	-	5 kg	-
		Barseem	5 kg	-	-
		Animal Feed	300 g	300 g	-
		Vegetable	100 g	100 g	-
		Jaggery	50 g	-	-
22	Zebra	Lopping	8 kg (Nov.)	-	-
		Straw	2 kg	2 kg	-
		Wheat Bran	2 kg	2 kg	-
		Gram	1 kg	1 kg	-
		Wheat	1.5 kg	1.5 kg	-
		Grass	20 kg	20 kg	-
23	Bear	Vegetable	3 kg	3 kg	-
		Banana	1.5 kg	1.5 kg	-
		Fruits	3 kg	3 kg	-
		Gram	-	0.750 kg	-
		Ground nut	0.750 kg	-	-
		Bread	0.800 kg	0.800 kg	-
		Egg	2 no	2 no	-
		Milk	500 ml.	500 ml.	-
		Maize Bhutta	-	5 no.	-
		Honey	80 g (2 days in a week)	-	-
24	Monkey	Vegetable	400 g	400 g	-
		Banana	200 g	200 g	-
		Fruits	100 g	-	-
		Gram	-	100 g	-
		Ground nut	100 g	-	-
		Egg	1 No	-	-
		Bread	200 g	200 g	-
		Maize Bhutta	-	1 no (Only 2 month)	-
		Bel Fruit	-	¼ No	-
		Spinach	50 g	50 g	-

25	Porcupine	Vegetable	750 g	750 g	-
		Fruit	250 g	250 g	-
		Banana	200 g	200 g	-
		Bread	100 g	100 g	-
		Gram	100 g	100 g	-
26	Pheasant	Bird Feed	200 g	200 g	-
		Spinach	100 g	100 g	-
		Cabbage	100 g	100 g	-
27	Peafowl	Egg	½ No.	½ No.	-
		Bird Feed	250 g	250 g	-
		Gram	100 g	100 g	-
		Spinach	100 g	100 g	-
		Cabbage	100 g	100 g	-
28	Crane	Wheat	200 g	200 g	-
		Bread	100 g	100 g	-
		Bird Feed	250 g	250 g	-
		Gram	100 g	100 g	-
		Spinach	100 g	100 g	-
29	Emu/ Rea	Cabbage	100 g	100 g	-
		Maize	750 g	750 g	-
		Cabbage	750 g	750 g	-
		Onion	75 g	75 g	-
		Garlic	40 g	40 g	-
		Banana	900 g	900 g	-
		Spinach	250 g	250 g	-
		Egg	1 No.	-	-
30	Parakeet	Fruits	100 g	100 g	-
		Garlic	5 g	5 g	-
		Green Chilli	5 g	5 g	-
		Onion	10 g	10 g	-
		Cabbage	10 g	10 g	-
		Spinach	20 g	20 g	-
		Kakun	25 g	25 g	-
31	Cockteel / Budgerigar	Fruits	25 g	25 g	-
		Bird Feed	25 g	25 g	-
		Cabbage	10 g	10 g	-
		Spinach	10 g	10 g	-
		Bird Feed	80 g	80 g	-
32	Turkey/Pigeon/Guine fowl/Jungle fowl/Duck	Spinach	40 g	40 g	-
		Cabbage	40 g	40 g	-
		Bread	20 g	20 g	-
		Onion	5 g	5 g	-
		Garlic	3 g	3 g	-

33	Water Bird	Fish	250 g	250 g	-
34	Wild Boar	Gram	600 g	600 g	-
		Potato/ Sweet Potato	800 g	800 g	-
		Vegetables	800 g	800 g	-
35	Owl	Rat	2 No.	2No.	-
36	Turtle/Tortoise	Vegetables	300 g	300 g	-
37	Spotted pond turtle	Fish	125 g	125 g	-

11. Vaccination Schedule of animals

Sl. No.	Species	Disease	Name of	Periodicity
1	Lion	1. Calici Virus, Feline Panleukopaenia virus, Feline Rhinotracheitis 2. Rabies	1. Fel-O-Vax 1. Rabigen mono	Yearly
2	Tiger	1. Calici Virus, Feline Panleukopaenia virus, Feline Rhinotracheitis 2. Rabies	1. Fel-O-Vax 2. Rabigen mono	Yearly
3	Leopard	1. Calici Virus, Feline Panleukopaenia virus, Feline Rhinotracheitis 2. Rabies 3. Canine Distemper	1. Fel-O-Vax 2. Rabigen mono 3. Distemper Vaccine Live Canary Pox	1. Yearly 2. Yearly 3. Primary Immunisation then two booster at 21 days a part
4	Leopard Cat	1. Calici Virus, Feline Panleukopaenia virus, Feline Rhinotracheitis 2. Rabies	1. Fel-O-Vax 2. Rabigen mono	Yearly
5	Jungle Cat	1. Calici Virus, Feline Panleukopaenia virus, Feline Rhinotracheitis 2. Rabies	1. Fel-O-Vax 2. Rabigen mono	Yearly





12. De-worming Schedule of animals

Sl.No.	Species	Drug used	Month
1	All non Venomous Snakes	Piperazine	May
2	Blue Bull	Fenbendazole, Albendazole, Ivermectin	May , September, January
3	Birds	Piperazine, Fenbendazole	June, September, November, January
4	Goral	Piperazine, Fenbendazole, Closantel	June, January, February
5	Spotted Deer	Rafoxanide and Albendazole, Fenbendazole	June, September
6	Hog Deer	Closantal, Fenbendazole	June , September, January
7	Barking Deer	Albendazole and Ivermectin , Fenbendazole	June , January
8	Sika Deer	Albendazole and Ivermectin, Fenbendazole, Closantel	June, January, February
9	Chausingha	Albendazole and Ivermectin, Fenbendazole	June, January
10	Thamin Deer	Oxyclozanide and Levamisole , Piperazine, Fenbendazole, Closantel	June , September, January, February
11	Black Buck	Triclabendazole and Ivermectin, Fenbendazole	June , September , November, January
12	Wild Boar	Albendazole, Fenbendazole	June, January
13	Jungle Cat	Praziquantal and Pyrantel, Morantel Citrate	June , September, January
14	Fox	Praziquantal and Pyrantel, Ivermectin	June, January
15	Leopard Cat	Praziquantal and Pyrantel, Morantel Citrate	June , September, January
16	Owl	Praziquantal and Pyrantel	June
17	Jackal	Praziquantal and Pyrantel , Ivermectin	June, November, January
18	Civet	Praziquantal and Pyrantel	June
19	Porcupin	Fenbendazole	June
20	Hippopotamus	Fenbendazole	June , January
21	Rhinoceros	Fenbendazole, Ivermectin	June , January
22	Lion	Fenbendazole , Pyrantel and Praziquantal, Morantel Citrate	June , October, January
23	Tiger	Fenbendazole , Pyrantel and Praziquantal, Morantel Citrate	June, November
24	Leopard	Fenbendazole, Morantel Citrate	June , January

25	Sloth Bear	Fenbendazole, Ivermectin	June, January
26	Hyaena	Fenbendazole, Ivermectin	June, January
27	H.B.Bear	Fenbendazole, Ivermectin	June, January
28	Zebra	Fenbendazole	June, January
29	Swamp Deer	Fenbendazole, Ivermectin	June, September, March
30	Bonnet Monkey	Fenbendazole, Albendazole	June, January
31	Langur	Fenbendazole, Albendazole	June, January
32	Capuchin Monkey	Fenbendazole, Albendazole	June, January
33	Rhesus Macaque	Fenbendazole, Albendazole	June, January
34	Rhea	Fenbendazole	September
35	Sambar Deer	Ivermectin , Fenbendazole	September , January
36	Russel Viper	Wormnil , Piperazine , Ivermectin	September , November
37	Cobra	Ivermectin	December
38	Crocodile	Fenbendazole	January
39	Gharial	Albendazole	January
40	Turtle	Fenbendazole	January

13. Disinfection Schedule

Sl.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	All Herbivores	Open	Lime Sprinkle	Twice a Year
2	All Herbivores	Open	Kohrsolin-TH, Virkon-S, Sokrena-WS	Thrice a Year
3	All Herbivores, Carnivores	Water Tanks	Lime Wash	Every Week
4	All Herbivores	Feeding Platforms	Lime Wash	Twice a Month
5	All Herbivores	Open	Removal of Upper Crust of Soil	Once a Year
6	All Carnivores	Night/Feeding Cell	Kohrsolin-th	Twice a Week
7	All Animals	Grills, Floor, Wall	-	Daily



14. Health Check-up of employees for zoonotic diseases

In order to check zoonoses all the officers, employees and Out Sourced Workers and Persons working on Contract basis were screened for disease/exposure conditions especially against tuberculosis, brucellosis and leptospirosis. During the year a total of 102 officers/employees were screened for above disease conditions including general health check-up such as complete blood chemistry (CBC), liver function test (LFT), Kidney function test (KFT), lipid profile, blood sugar, and chest X-ray. Due to continuous monitoring and screening only 20 persons were found serologically positive against brucellosis and/or leptospirosis. However, none of them showed any clinical signs but preventive medication was given as per medical advice. In addition, such employees who were direct handler of the animals were also relieved from their duty and were assigned some other work for the period of preventive treatment.

15. Development Works carried out in the zoo during the year

Major developmental works

S. No.	Name of the work
1	Renovation of Food Store
2	Renovation of Booking House
3	Construction of baby Care Room
4	Laying of interlocking tiles
5	Renovation of signage/hoardings
6	Renovation of Children Park
7	Renovation of deer enclosure and kraal
8	Construction of butterfly park
9	Construction of Dustbin
10	Enrichment works in tiger, bear and lion etc

16. Education and Awareness programmes during the year

02 Feb	-	World Wetlands Day
20 March	-	World Forestry Day
22 March	-	World Water Day
22 April	-	Earth Day
22 May	-	International Day for Biological Diversity
23 May	-	World Turtle Day
05 June	-	World Environment Day
06 July	-	World Zoonoses Day
28 July	-	World Nature Conservation Day
16 Sept.	-	International Day for the Preservation of the Ozone Layer.
22 Sept.	-	World Rhino Day

17. Important Events and happenings

03 March	-	World Sparrow Day
01 to 07 July	-	Van Mahotsav
29 July	-	International Tiger Day
01 to 07 Oct.	-	Wildlife Week (in India)





18. Seasonal special arrangements for upkeep of animals

	Summer	Winter
CARNIVORES	1 Cooler & fan in animal houses 2 Water gun in animal enclosure	1 Blower & heater in animal houses 2 Provision of coverups in animal enclosures and houses to prevent cold waves
HERBIVORES	1 Sprinklers in animals enclosures	1 Bonfire in animal enclosures 2 Provision of coverups in animal enclosures and houses to prevent cold waves
BIRDS	1 Covering of pens with khus mats 2 Sprinkling water on khus mats and soil of pen 3 Provision of pipe rain system 4 Provision of mist in walk through aviary	1 Covering of pens with polythene 2 Blowers from outside 3 High watt bulbs to provide heat
REPTILES	1 Water gun on roof of house 2 Covering roof with khus mats 3 Provision of coolers in house 4 Provision of exhausts and reverse exhausts in house	1 Provision of warm boxes 2 Provision of blankets in houses 3 Provision of blowers

19. Research Work carried out and publications

Apart from disease control Wildomestic hospital also performs some other distinguished functions which are supported by a dedicated biologist which includes making observation on the behaviour and biology of animals, and a pharmacist cum veterinary assistant assessing the compatibility of animals in groups/herds and maintaining meticulous record of the same, ensuring their upkeep and welfare including provision of special diet for pregnant females, nursing mothers, and new born/new arrivals, infirm and sick animals and genetic management of animal group particularly the endangered species.

20. Conservation Breeding Programme of the Zoo

- 1- To maintain demographically manageable population.
- 2- To maintain genetically diversified population through animal exchange programme.
- 3- To provide stress free environment with natural behaviours in wildomestic condition in order to make conducive environment for natural reproduction.

During the year 2018-19 the breeding of the critically endangered animals and animals of utmost importance has been recorded as below:-

S.No.	Name of Species	Total
1	Swamp deer	2
2	Black buck	18
3	Thamin deer	3
4	Porcupine	5
5	Jackal	1
6	Hog deer	9
7	Barking deer	2
8	Hyena	1
9	Hippopotamus	1
10	Chinkara	2
11	Kaleej Pheasant	5

21. Animal acquisition / transfer / exchange during the year

KANPUR ZOOLOGICAL PARK, KANPUR ACQUISITIONS - - 01.04.2018 TO 31-03-2019							
S.No.	Name of Species	SEX			Total	Date	Remarks
		M	F	U			
species - schedule I & II							
Mammals							
1	Chinkara	2	6	0	8	15.04.2018	Received from Jodhpur Zoo Animal exchange
2	Wolf	1	2	0	3	15.04.2018	Received from Jodhpur Zoo Animal exchange
3	Black Buck	0	1	0	1	29.07.2018	Received from Bidhnu Range, Kanpur
4	Common Langur	1	0	0	1	29-01-2019	Received from Gautam budh Nagar
5	Chowsingha	1	1	0	2	14-03-2019	Received from Assam State Zoo
6	Sanghai	0	2	0	2	14-03-2019	Received from Assam State Zoo
Total		5	12	0	17		
Birds							
NIL							
species - schedule III & IV							
Mammals							
NIL							
Birds							
NIL							
1	Night Heron	3	3	0	6	4/3/2019	Received from Mumbai zoo
2	Pelican Rosy	0	0	2	2	14-03-2019	Received from Assam State Zoo
Reptiles							
NIL							
1	Sand Boa	0	0	1	1	7/2/2019	Received from Kanpur Dehat
S.No.							
Name of Species							
SEX							
Total							
Date							
species -EXOTIC							
M							
F							
U							
Mammals							
NIL							
Birds							
1	Military Macow	1	1	0	2	4/3/2019	Received from Mumbai zoo

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

Sl. 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
1	29-07-2018	Black Buck	Received from Bidhnu Range, Kanpur	30-09-2018	-	
2	29-01-2019	Common Langur	Received from Gautam budh Nagar	31-03-2019	-	
3	07-02-2019	Sand Boa	Received from Kanpur Dehat	31-03-2019	-	

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

KANPUR ZOOLOGICAL PARK 01.04.2018 TO 31-03-2019 STOCK REPORT																						
S.No.	Species	Scientific Name	Stock as on 01.04.2018				Births			Acquisitions			Disposals			Deaths			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
Endangered species - schedule I & II																						
BIRDS																						
1	Peafowl white	Pavo cristatus	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
2	Peafowl	Pavo cristatus	1	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
3	Kaleej Pheasant	Lophura leucomelanos	3	3	0	6	0	0	5	0	0	0	0	0	0	0	0	0	0	0	3	
4	Himalyan Griffon Vulture	Gyps himalayensis	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Total			6	4	2	12	0	0	5	0	0	0	0	0	0	0	0	0	0	0	6	

KANPUR ZOOLOGICAL PARK 01.04.2018 TO 31-03-2019 STOCK REPORT

S.No.	Species	Scientific Name	Stock as on 01.04.2018				Births			Acquisitions			Disposals			Deaths			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
	Endangered species - schedule I & II																					
1	Antelope Four Horned Chowsingha	Tetraceros quadricornis	1	1	0	2	0	0	0	1	1	0	1	0	0	0	0	0	1	2	0	3
2	Deer Swamp/ Barasingha	Cervus duvaucelli	9	10	2	21	0	0	2	0	0	0	1	1	0	0	0	0	8	9	4	21
3	Deer Brow Antelared/ Deer - Sanghai	Cervus eldi	10	3	1	14	2	1	0	0	2	0	0	0	0	4	0	0	8	6	1	15
4	Black Buck - Krishna Mrig	Antelope cervicapra	11	22	10	43	0	3	15	1	0	0	4	6	0	0	2	0	8	17	25	50
5	Bear Himalayan Black	Selenarctos thibetanus	2	3	0	5	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	5
6	Bear Sloth	Melursus ursinus	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
7	Bengal Porcupine	Atherurus mecrourus assamensis	2	2	10	14	0	0	5	0	0	0	2	2	0	0	0	0	0	0	15	15
8	Leopard/Panther	Panthera pardus	9	4	0	13	0	0	0	0	0	0	0	0	0	0	1	0	9	3	0	12
9	Lion	Panthera leopercica	2	3	0	5	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	5
10	Tiger Royal Bengal	Panthera tigris	6	3	0	9	0	0	0	0	0	0	1	1	0	1	0	0	4	2	0	6
11	White Tiger	Panthera tigris	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
12	Rhinoceros Indian	Rhinoceros unicornis	3	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	4
13	Langur common	Presbytis entellus	5	6	0	11	0	0	0	0	1	0	0	0	0	0	1	0	5	6	0	11
14	Macaque bonnet	Macaca radiata	2	2	2	6	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	6
15	Macaque rhesus	Macaca mulatta	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
16	Indian Fox	Vulpes bengalensis	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3

17	Chinkara	Gazella bennettii	0	0	0	0	1	1	0	2	6	0	0	0	0	0	2	0	3	5	0	8
18	Wolf	Canis lupus pallipes	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	1	2	0	3
19	Leopard Cat	Prionailurus bengalensis	1	1	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1
20	Elephant Indian	Elephas maximus	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	Total Reptiles		69	67	25	161	3	5	22	5	12	0	9	10	0	6	6	0	62	68	47	177
1	Mugger crocodile (in Enclosure)	Crocodylus pelustris	2	2	4	8	0	0	0	0	0	0	2	2	0	0	0	0	0	0	4	4
2	Mugger crocodile (in lake)	Crocodylus pelustris	0	0	28	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	28
3	Ghariyal	Gavialis gengeticus	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
4	Turtle (in lake)		0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
5	Asian hill turtle (In lake)	melanochelys tricarinata	0	0	28	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	28
6	Asian hill turtle	melanochelys tricarinata	0	1	14	15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	14	14
7	Indian rock python	Python molurus	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
8	Spotted pond turtle (In lake)	Geoclemys hamiltonii	0	0	133	133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	133	133
9	Sal turtle		0	0	18	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18
10	Spotted pond turtle	Geoclemys hamiltonii	0	0	21	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	21
11	Checkedred kel back	Xenochrophis piscator	0	0	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
12	Rusell's Viper	Daboia	0	0	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
14	Rat Snake	Pantherophis obsoletus	0	0	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17
16	Black Cobra	Naja naja	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2

17	Indian Cobra	Naja naja	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	
	Total		2	5	296	303	0	0	0	0	0	0	2	2	0	0	1	0	0	2	296	298
	Grand Total		71	72	321	464	3	5	22	5	12	0	11	12	0	6	7	0	62	70	343	475



KANPUR ZOOLOGICAL PARK 01.04.2018 TO 31-03-2019 STOCK REPORT

S.No.	Species	Scientific Name	Stock as on 01.04.2018				Births			Acquisitions			Disposals			Deaths			Stock as on 03-2019			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
BIRDS																						
1	Pelican Rosy/White	Pelecanus onocrotalus	1	0	3	4	0	0	0	0	0	2	0	0	0	0	0	0	1	0	5	6
2	Roseringed Parakeet	Psittacula krameri	0	0	31	31	0	0	20	0	0	0	0	0	0	0	0	0	0	0	51	51
3	Pigeon	columba livia	5	5	4	14	0	0	0	0	0	0	0	0	0	0	0	5	5	4	14	
4	Indian Grey Horn bill	Ocyeros birostris	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
5	Red Jungle Fowl	Gallus gallus	0	3	13	16	0	0	4	0	0	0	0	0	0	0	0	0	3	17	20	
6	Dove spotted	streptopelia chinensis	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
7	Stork painted	mycteria leucocephala	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	
8	Heron Night	Nycticorax nycticorax	1	2	0	3	0	0	0	3	3	0	1	2	0	0	0	3	3	0	6	
9	Black kite	Milvus migrans	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
10	Comb duck	Sarkidiornis melanotos	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	
11	Black Headed ibis	Threskiornis melanocephalus	1	1	3	5	0	0	0	0	0	0	0	0	0	0	0	1	1	3	5	
12	Sarus Crane	Grus antigone	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	
13	Demoiselle Crane		0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
14	Goose Bar	Anser indicus	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	

	headed																					
15	Egret Little	Egretta garzetta	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
16	Parakeet blossom headed	Psittacula cyanocephala	2	2	0	4	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
17	Parakeet large indian	Psittacula cupatria	3	4	0	7	0	0	0	0	0	0	0	0	0	0	0	0	3	4	0	7
18	Pelican grey	Pettecanus philippensis	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
19	Grey Partridge	pondicerianus	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
20	Herons grey	Ardea cinevea	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
21	Egyptian Vulture	Neophron percnopterus	0	0	7	7	0	0	0	0	0	0	0	2	0	0	0	0	0	0	5	5
22	spot billed duck	Anas poecilorhyncha	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
23	Spotted owlet	Athene brama	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
24	Horned owl	Bubo virginianus	1	0	1	2	0	0	5	0	0	0	0	0	0	1	0	1	0	0	5	5
25	Plum Headed Parakeet	Psittacula cyanocephala	0	0	12	12	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6	6
26	Java sparrow	Lonchura oryzivora	3	3	0	6	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	6
27	Little cormorant	Microcarbo niger	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
28	Rose breasted parakeet	Psittacula alexandri	2	4	0	6	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	6
29	Spoonbill	Spotula clypeata	1	2	0	3	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	1
30	Barn owl	tyto alba	0	0	3	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
31	turkey	Meleagris	2	6	0	8	0	0	0	0	0	0	0	0	0	0	0	0	2	6	0	8

32	Guinea Fowl	gallopavo Numida meleagris	0	0	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	
33	brahiny duck	Tadorna ferruginea	0	1	3	4	0	0	0	0	0	0	0	0	0	1	0	0	0	3	3	
34	motteld wood owl	Strix ocellata	3	2	11	16	0	0	2	0	0	0	0	0	3	2	0	0	0	13	13	
Total			33	44	122	199	0	0	31	3	3	2	3	5	11	5	4	1	28	38	143	209



KANPUR ZOOLOGICAL PARK 01.04.2018 TO 31-03-2019 STOCK REPORT

S.No.	Species	Scientific Name	Stock as on 01.04.2018				Births			Acquisitions			Disposals			Deaths			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
	Endangered species - schedule III & IV		M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1	Deer Barking	Muntiacus muntjac	4	6	5	15	0	0	2	0	0	0	0	0	0	0	0	0	4	6	7	17
2	Deer Hog	Axis porcinus	4	8	4	16	1	1	10	0	0	0	0	0	0	0	0	0	5	9	14	28
3	Deer Sambhar	Cervus unicolor	6	2	0	8	0	1	2	0	0	0	0	0	0	0	0	0	6	3	2	11
4	Deer Spotted	Axis axis	7	9	8	24	1	1	7	0	0	0	0	0	0	0	0	0	8	10	15	33
5	NilGai / Blue bull	Boselaphus trangocamelus	3	6	0	9	1	0	2	0	0	0	0	0	0	2	0	0	4	4	2	10
6	Striped Hyena	Hyaena hyaena	3	4	4	11	1	0	0	0	0	0	0	0	1	1	0	0	3	3	4	10
7	Jackal	Canis aureus	4	2	0	6	1	0	0	0	0	0	0	0	0	0	0	0	5	2	0	7
8	Goral	Naemorhedus goral	3	2	0	5	1	0	2	0	0	0	0	0	0	1	0	0	4	1	2	7
9	Asian Plam Civet	Paradoxurus hermaphroditus	2	0	1	3	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	1
10	Common Palm Civet Toddy cat	Paradoxus hermaphroditus	2	1	3	6	0	0	0	0	0	0	1	1	0	1	0	0	0	0	3	3
11	Jungle cat	Felis chaus	2	1	0	3	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	2
12	Wild boar	Sus scrofa	2	3	0	5	0	0	10	0	0	0	0	0	0	0	0	0	2	3	10	15
	Total Reptiles		42	44	25	111	6	3	35	0	0	0	1	1	0	4	5	0	43	41	60	144
1	Red Boa	Boa constrictor	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3

2	Comman Sand Boa	Gongylophis conicus	0	0	5	5	0	0	0	0	0	1	0	0	0	0	0	0	0	6	6	
3	Pit Viper	Crotalinae	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	Total		1	0	8	9	0	0	0	0	0	1	0	0	0	1	0	0	0	9	9	
	Grand Total		43	44	33	120	6	3	35	0	0	1	1	1	0	5	5	0	43	41	69	153

KANPUR ZOOLOGICAL PARK 01.04.2018 TO 31-03-2019 STOCK REPORT

S.No.	Species	Scientific Name	Stock as on 01.04.2018				Births			Acquisitions			Disposals			Deaths			Stock as on 03-2019			31-T
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	
Endangered species - schedule-Exotic																						
1	Deer Sikka	Cervus nippon	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
2	Hippopotamus	Hippopotamus amphibius	4	3	0	7	1	0	0	0	0	0	0	0	0	0	0	0	5	3	0	8
3	Monkey Capuchin	Cebus capucinus	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
4	Monkey capuchin white throated	Cebus capucinus	0	2	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1
5	Zebra	Equus burchellii	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	Total		6	7	0	13	1	0	0	0	0	0	0	0	0	0	1	0	7	6	0	13
Exotic Birds																						
1	Macow- Blue & Yellow	Ara ararauna	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
2	Macow-military	Ara militaris	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	2
3	Emu	Dromeaus novaehollandae	0	0	22	22	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22	22
4	Budgrigar	Melopsittacus undulatus	0	0	24	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24

5	Cockatiel	Nymphicus hollandicus	0	0	243	243	0	0	0	0	0	0	0	0	0	0	0	0	0	243	243	
6	Pheasant Silver	Lophura nychemera	1	4	0	5	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0	4
7	Pheasant Golden	Crysolophus pictus	1	2	1	4	0	0	2	0	0	0	0	0	0	0	0	1	2	3	6	
8	Rhea		0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	
9	Lady amherst pheasant	Chrysolophus amherstiae	2	1	0	3	0	0	4	0	0	0	0	0	0	0	0	2	1	4	7	
	Total		4	7	297	308	0	0	6	1	1	0	0	0	0	1	0	0	5	8	302	315
	Fishes																					
1	Angel	Pterophyllum Scalare	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
2	Tinfoil/Albino Tinfoil Barb	Barbus Schwanenfeidi	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
3	Flower Horn	Flowerhorn cichlid	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
4	Parrot Fish	Scaridae Parrotfish	0	0	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
5	Oscar	Astronotus ocellatus	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
6	Silver Shark	Balantiocheilos melanopterus	0	0	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
7	Scat	Scatophagus argus	0	0	14	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14
8	Subamkin Faintail Gold	Carassius auratus auratus	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
9	Red Capped Oranda	Carassius auratus	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
10	Guppy	Poecilia Reticilata	0	0	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30

11	Neon	Paracheirodon innesi	0	0	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20
12	Zebra Daino	Danio rerio	0	0	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30
13	Buuble Eye Gold	Carassius auratus	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
14	Platy	Xiphophorus variatus	0	0	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25
15	Molly	Poecilia latipinna	0	0	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25
16	Red and Litchi Gold	Carassius auratus	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
17	Serpea/Widow Tetra	Hyphessobrycon eques	0	0	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20
18	Malwai chichlid	Pterophyllum Scalare	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
19	Tiger Barb	Puntigrus tetrazona	0	0	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20
20	Crap	Cyprinus carpio	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
21	Milky Crap	cyprinus carpio	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
22	Red Tail Cat Fish	Phractocephalus hemioliopus	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
23	Alligator Gar Fish	Atractosteus spatula	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
24	Tiger/ A.Tiger Shark	Galeocerdo cuvier	0	0	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
25	Gaint Gourami	Osphronemus goramy	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
26	Koi Crap	Cyprinus carpio	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
27	Arowana	Osteoglossidae	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
28	Firemouth	Thorichthys	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10

		meeki																			
Total		0	0	307	307	0	0	0	0	0	0	0	0	0	0	0	0	0	0	307	307
Grand Total		10	14	604	628	1	0	6	1	1	0	0	0	0	1	1	0	12	14	609	635



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
1	Chinkara	<i>Gazella bennettii</i>	F	15.04.2018	Died of due to Acute myocardial Infaction
2	Chinkara	<i>Gazella bennettii</i>	F	08.05.2018	Died of due to respiratory failure
3	Langoor	<i>Presbytis entellus</i>	F	28.05.2018	Died of due to CRF
4	Tiger Cub	<i>Panthera tigris</i>	M	18.06.2018	Died of due to CRF
5	Leopard	<i>Panthera pardus</i>	F	21.07.2018	Died of due to CRF
6	Black Buck	<i>Antelope cervicapra</i>	F	22.08.2018	Died of Respiratory failure
7	Antelope Four Horned	<i>Tetraceros quadricornis</i>	M	23.08.2018	Died of Respiratory failure
8	Black Buck	<i>Antelope cervicapra</i>	F	03.09.2018	Died of due to Shock
9	Deer Brow Antelered/ Sanghai	<i>Cervus eldi</i>	M	28.10.2018	Died of due to Old Age
10	Leopard Cat	<i>Prionailurus bengalensis</i>	M	18.12.2018	Due to Hypovolumic Shock
11	Deer Brow Antelered/ Sanghai	<i>Cervus eldi</i>	M	28.01.2019	Died of CRF due to Old Age Septiciemia
12	Deer Brow Antelered/ Sanghai	<i>Cervus eldi</i>	M	13.02.2019	Died of Respiratory Failure
13	Deer Brow Antelered/ Sanghai	<i>Cervus eldi</i>	M	06.03.2019	Died of CRF
12	Asian Hill Turtle	<i>melanochelys</i>	F	04.03.2019	Died of Respiratory Arrest

<i>tricarinata</i>					
12	Spoon bill	<i>Spotula clypeata</i>	F	08.02.2018	Died of due to Respiratory failure
13	Spoon bill	<i>Spotula clypeata</i>	M	15.02.2018	Died of due to Respiratory failure
14	Mottled Wood Owl	<i>Strix ocellata</i>	M	06.03.2018	Died of due to CRF
15	Mottled Wood Owl	<i>Strix ocellata</i>	M	12.07.2017	Due to Cardio Vascular failure
16	brahimny duck	<i>Tadorna ferruginea</i>	F	12.04.2017	Died of Shock
17	Mottled Wood Owl	<i>Strix ocellata</i>	F	15.05.2017	Died due to Respiratory failure
18	Mottled Wood Owl	<i>Strix ocellata</i>	M	21.06.2017	Died of CRF
19	Mottled Wood Owl	<i>Strix ocellata</i>	F	13.09.2017	Died of CRF
20	Horned Owl	<i>Bubo virginianus</i>	M	09.10.2017	Died of Shock
21	Horned Owl	<i>Bubo virginianus</i>	U	17.10.2017	Died of Shock
22	Asian Plam Civet	<i>Paradoxurus hermaphroditus</i>	M	24.10.2017	Died of due to CRF
23	Asian Plam Civet	<i>Paradoxurus hermaphroditus</i>	M	25.12.2017	Died of due to CRF
24	Common Plam Civet	<i>Paradoxurus hermaphroditus</i>	M	25.12.2017	Due to Shock Excessive Bleeding
25	Jungle Cat	<i>Felis chaus</i>	F	28.04.2017	P.M. Not Possible
26	Blue Bull	<i>Boselaphus trangocamelus</i>	F	15.05.2017	Internal Bleeding
27	Hyena	<i>Hyaena hyaena</i>	M	16.05.2017	Shock Due to Excessive Bleeding
28	Blue Bull	<i>Boselaphus trangocamelus</i>	F	16.05.2017	Died Due to Old Age
29	Hyena	<i>Hyaena hyaena</i>	F	25.05.2017	Died due to Respiratory failure
30	Goral	<i>Naemorhedus goral</i>	F	04.07.2017	Died Due to Snake Bite
31	Pit Viper	<i>Crotalinae</i>	M	20.01.2018	Due to Starvation.
32	Monkey capuchin white throated	<i>Cebus capucinus</i>	F	20.02.2018	Died of multiple organ failure due to old age
33	Silver Pheasant	<i>Lophura nychemera</i>	M	24.04.2017	Died of old age

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

a. Mammals

1.	Rhesus macaque	Bandar
2.	Presbytis entellus	Common Langur
3.	Viverrcula indica	Common Indian civet/Kasthuri
4.	Mellivora capensis	Bijju/ Ratel
5.	Herpestes edwardsii	Nevla/ Common Mongoose
6.	Funambulus palmarum	Gilhari
7.	Rattus rattus	Chuha/Common house rat
8.	Bandicota bengalensis	Chuha/Indian mole rat
9.	Vandeleuria olderacea	Chuha/Long tailed tree mouse
10.	Mus musculus	Chuha/House mouse
11.	Hystrix indica	Sehi/Porcupine
12.	Suncus murimus	Chchundar/Ground shrews
13.	Scotophilus heathi	Changadad/Common yellow bat

b. Birds

1.	Francolinus pondicerianus	Bhura titar/Grey francolin
2.	Pavo cristatus	Mor /Indian peafowl
3.	Columba livia	Neela kabutar/Blue rock pегion
4.	Streptopelia chinensis	Chittiar Fakta/Spotted dove
5.	Streptopelia decaocto	Dhor Fakta/Eurasian collared dove
6.	Treron phoenicoptera	Hariyal/Yellow footed green pегion
7.	Sarkidiornis melanotos	Nakta/Comb duck
8.	Tadorna ferruginea	Surkhab/Brahminy duck
9.	Dendrocygna javanica	Choti silhi/lesser whistling teal
10.	Tachybaptus ruficollis	Dubdubi/Little grebe
11.	Gallinago gallinago	Chaha/Common snipe

12.	<i>Egretta garzetta</i>	Chota bagula/Little egret
13.	<i>Ardea cinerea</i>	Sileti anjan/Grey heron
14.	<i>Ciconia spiscopus</i>	Shwet greev jhangil/White necked stork
15.	<i>Bulbulcus ibis</i>	Badami Bagula/Cattle egret
16.	<i>Accipiter triviragatus</i>	Shikra
17.	<i>Clamator jacobinus</i>	Kuhuk/Pied cuckoo
18.	<i>Hierococcyx varius</i>	Kuhuk/Common hawk cuckoo
19.	<i>Eudynamys scolopacea</i>	Koel
20.	<i>Centropus sinensis</i>	Bada mahok/Greater Coucal
21.	<i>Glaucidium radiatum</i>	Junglee chougad/Jungle owlet
22.	<i>Athene brama</i>	Dhabbedar chougad/Spotted owlet
23.	<i>Bubo bubo</i>	Ghughu/Greater horned owl
24.	<i>Caprimugus indicus</i>	Dabnak/Grey nightjar
25.	<i>Coracias benghalensis</i>	Neel kanth/Indian roller
26.	<i>Tockus birostris</i>	Sileti dhanesh/Indian grey hornbill
27.	<i>Ceryle rudis</i>	Chittidar kilkila/Pied kingfisher
28.	<i>Halcyon smyrnensis</i>	Safed gardan kilkila/White breasted kingfisher
29.	<i>Dinopium benghalense</i>	Kathpodva/Woodpecker
30.	<i>Dicrurus adsimilis</i>	Kala bhujang/Black Drongo
31.	<i>Passer domesticus</i>	Gouraiiah/Common house sparrow
32.	<i>Corvus macrorhynchos</i>	Jangli kauvva/Large billed crow
33.	<i>Corvus splendens</i>	Desi Kauvva/House crow
34.	<i>Acridotheres tristis</i>	Myna/Common Myna
35.	<i>Pycnonotus cafer</i>	Lal punch bulbul/Red vented bulbul
36.	<i>Pycnonotus jocosus</i>	Lal gal bulbul/Red whiskered bulbul
37.	<i>Turdoides caudatus</i>	Samanya pandoua/Common babbler
38.	<i>Copsychus saularis</i>	Dahial/Magpie robin
39.	<i>Oriolus oriolus</i>	Sunahra peelak/Goldern oriole
40.	<i>Orthotomus sutorius</i>	Darji phutki/Tailor bird

41.	<i>Merops orientalis</i>	Hara patringa/Green bee eater
42.	<i>Psittacula krameri</i>	Lahbar thotha/Rose ringed parakeet
43.	<i>Psittacula cyanocephala</i>	Tuiia thotha/Plum headed parakeet

c. Reptiles

1.	<i>Varanus benghalensis</i>	Gouh/Common Indian monitor lizard
2.	<i>Calotes versicolour</i>	Girgit/Common garden lizard
3.	<i>Hemidactylus flaviviridis</i>	Chipkali/Northern house geko
4.	<i>Python molurus gray</i>	Azgar/Indian python
5.	<i>Bungarus caeruleus</i> Russell	Karait/Common Indian krait
6.	<i>Naja naja</i>	Naag/Indian cobra
7.	<i>Crocodilus palustris lesson</i>	Muggar/Marsh crocodile

