



Lucknow Zoo

Annual Report
2023 - 24





LUCKNOW ZOO



प्रकृति शिक्षण केन्द्र NATURE INTERPRETATION CENTRE

उत्तर प्रदेश कैम्पा द्वारा वित्त पोषित
(Compensatory Afforestation Fund Management & Planning Authority)



प्रकृति शिक्षण केन्द्र
LUCKNOW ZOO

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1. Report of the officer in Charge Director

Nawab Wajid Ali Shah Prani Udyan, Lucknow is located in the heart of the city. Nearby area of the Zoo is densely populated and hub of the political, social, financial, bureaucratic and administrative activities of the state. The campus comprises area of 29 hectare, near Gomti nagar, in Hazratganj area. The Zoo comprises of more than 998 animals belonging to 84 species. In addition, Zoo has more than 700 fishes of 67 species and more than 74 species of Butterflies in Butterfly garden. This campus is lush green arboretum having more than 5000 trees of 100 species and act as lungs of the city.

Additionally, we have one of the best Nature Interpretation Centre in the Country, which give comprehensive information related to wild animals and its habitats of the state. Beside this we also have a Butterfly park, first of the state, which incorporates numerous species of butterflies, providing very useful information regarding role of Butterfly in our ecosystem, and creating interest and awareness among masses about these colorful tiny creatures.

We also carried out several activities throughout the year, especially during wild life week, regarding awareness and education related to environment, wildlife and ecology in which school children participated in a mass. We have also organized number of competitions on the environment related subjects and winner participants were given books related to wildlife and environment as a Prize.

On 29 November 2023, we celebrated the 102nd foundation day of the Zoo, marking a testament to its long history and importance in the community. Having distinguished guests like the Principal Chief Conservator of Forests, (HoFF), Principal Chief Conservator of Forests, (Wildlife), MD Van Nigam, Mr Anupam Gupta, Principal Chief Conservator of Forest, Research & Training, Uttar Pradesh, Mr. Sanjay Srivastava, Member Secretary State Zoo Authority, Mr. Neeraj Kumar.

Along with the maintenance of the zoo we also rescue the wild animals, this year we rescued 11 Leopards. Our Veterinary hospital is well equipped and scientifically organized having ultra- sound machine, X-ray machine, surgical room, treatment room, pathology lab and 26 indoor wards for mammals and 18 for birds.

Hygiene and cleanliness is our mandate and we are committed to comply it and as an evidence of our commitment we are awarded with three ISO Certificates this year for Quality management, Environmental management and occupational Health and Safety management.

None of this would have been possible without able guidance of our Administrator and Senior Officers, very pro-active support of Zoo veterinarians and other staff engaged in various activities, media and most importantly every visitor of the zoo.



Mrs. Aditi Sharma, IFS

Director

Nawab Wajid Ali Shah Prani Udyan, Lucknow

2. History of the Zoo

Nawab Wajid Ali Shah Prani Udyan, Lucknow, popularly known as Lucknow Zoo. (Earlier known as “Prince of Wales Zoological Gardens”) was established in the year 1921 to commemorate the visit of His Royal Highness, the Prince of Wales to Lucknow. The idea of establishing Zoological gardens at Lucknow emanated from Sir Harcourt Butler, the then Governor of the State and it was received enthusiastically by the prominent landlords and the leading citizens of the State who donated liberally for the construction of animal houses and cages and also presented animals and birds for display from time to time.

A Committee of management was formed consisting of donors and other prominent citizens. Colonel Fanthorpe, Commissioner of Lucknow was appointed as the first President and Sheikh Maqbool Husain as first Secretary of the Commission. The Committee was registered under the Societies Registration Act on the 17th August 1926.

Mr. Lintle Bogla, M.C., and Chief Engineer of the Lucknow Improvement Trust designed the layout of the Zoo along with its buildings and cages. 26 buildings along with cages were constructed at a total cost of Rs. 2,08,800 during the period from 1921 to 1926. The main gate on the Narahi side known as “Sir Ludovic Porter Gate” facing west was constructed in 1936.

In the year 1950, the Managing Committee was dissolved and an Advisory Committee was formed with the Secretary to Govt., U.P., Public Health Department as its Chairman and the Director of Medical & Health Services, Uttar Pradesh as Ex-Officio Administrator. In 1966,

the administrative control was transferred to the Forest Department and the Advisory Committee was also re-organised with Secretary to Govt., U.P., Forest Department as its Chairman and the Dy. Chief Conservator of Forests (Planning) as Ex-Officio Administrator. From time to time, the reorganisation of the Zoo Advisory Committee was done and presently the new Zoo Advisory Committee, constituted vide Government order No. 1652/14-4-2001-866/93 dated 04-08-2001, is under existence. The new Zoo Advisory Committee consists of the Forest Secretary to the Govt. of Uttar Pradesh as Chairman, Principal Chief Conservator of Forests, Uttar Pradesh as Vice Chairman and Chief Wildlife Warden, Uttar Pradesh as Administrator. The Director of the Zoo is the Member Secretary of the newly constituted Zoo Advisory Committee.

The Uttar Pradesh Govt. vide letter No. 1552/14-4-2001-30/90, Van Anubhag-4, dated 04 June 2001, changed the name of “**Prince of Wales Zoological Gardens Trust, Lucknow**” to “**Lucknow Prani Udyan**”. Its name changed by Uttar Pradesh Govt. vide letter No. 1211/14-4-2015-838/2015, Lucknow, Van Anubhag-4, dated 07 July 2015, changed the name of “**Lucknow Prani Udyan**” to “**Nawab Wajid Ali Shah Prani Udyan, Lucknow**”.

The Uttar Pradesh Government, under Section-5 (1) and (2) of Charitable Endowments Act, 1890 and vide their G.O. No. 6716/14/3-94/76, Van Anubhag-3, dated 31-01-1978, formulated a new management scheme for the management of the Zoo which is effective since 01 Feb. 1978. The management of Lucknow Prani Udyan is being done as per this Scheme of Management.

3. Vision

Educate, aware and involve the masses in wildlife conservation.

4. Mission

Creating the conservation awareness at large scale through various direct and indirect learning experiences. Strengthening a sense of responsibility towards conservation by involving visitors in different programs about biodiversity and wildlife conservation as per the existing rules and regulations.

5. Objectives

1. To educate and aware about biodiversity and wildlife conservation.
2. To carry out scientific study and research on wild animals.
3. To carry out conservation breeding of rare and endangered animals.
4. To act as rescue and rehabilitation centre for rescued animals from the wild/illicit trade.
5. To provide infotainment to visitors.



6. About Us

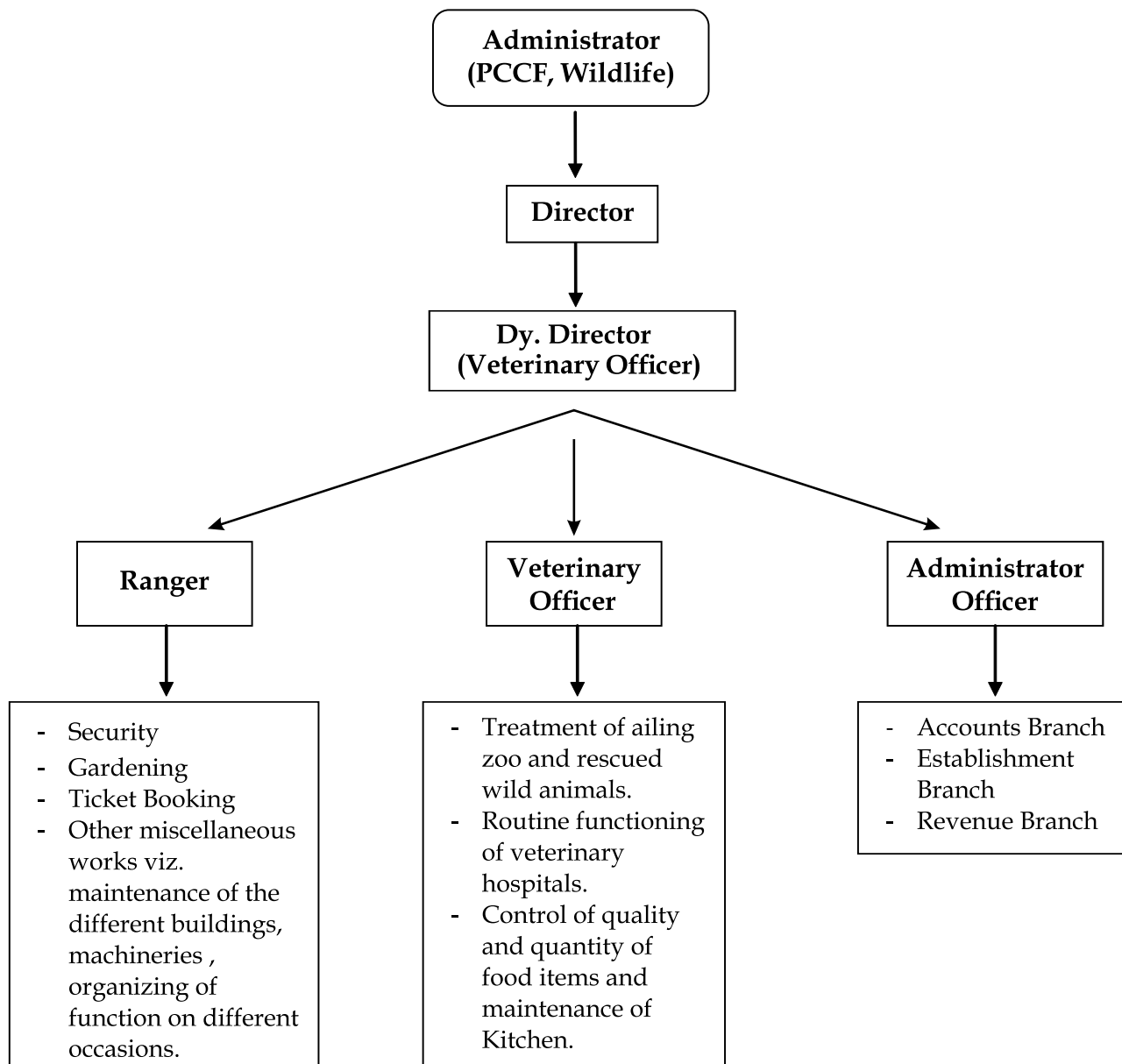
S. No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	Nawab Wajid Ali Shah Zoological Garden, Lucknow
2	Year of Establishment	1921
3	Address of the Zoo	Nawab Wajid Ali Shah Zoological Garden, Lucknow, Hazratganj- 226001
4	State	Uttar Pradesh
5	Telephone Number	0522-2239588
6	Fax Number	-
7	E-mail address	lucknowzoo@gmail.com
8	Website	www.lucknowzoo.com
9	Distance from nearest	Airport: 15 k.m. Railway Station: 5 k.m. Bus Stand: 5 k.m.
10	Recognition Valid upto (Date)	19.08.2021
11	Category of zoo	Large Zoo
12	Area (in Hectares)	29 hectare
13	Number of Visitors (Financial Year)	Adult: 9,89,752 Children:3,69,475 Total Indian:13,59,221 Total Foreigners: NIL Total Visitors:13,59,221
14	Visitors' Facilities Available in Zoo	<ul style="list-style-type: none"> ● Canteen & Food court ● Parking Facilities ● Pram for small children. ● Wheel chair for handicapped. Children Park & Latest Swings. Locker Facility at main gate. RO/UV water filter and coolers all around campus. Visitor sheds/ Benches at various locations. Lactation pods/ baby feeding cabins. Guide Map Souvenir shop

S. No.	Particulars	Information
		<ul style="list-style-type: none"> • Online Ticket Facility: through our website www.lucknowzoo.com, with 10% discount. • Toilets at convenient locations • Nature Interpretation Centre • 3D auditorium • Wrist Band
15	Weekly Closure Day of the Zoo	Monday

Management Personnel of the zoo

16	Name with designation of the Officer In-charge	Mrs. Aditi Sharma
	Name of the Veterinary Officer	Dr. Utkarsh Shukla, Dr. Ashok Kashyap, Dr. Brijendra Mani Yadav
	Name of the Curator	Dr. Utkarsh Shukla
	Name of the Biologist	Dr. Daya Shanker Sharma
	Name of the Education Officer	Mrs. Neena Kumar
	Name of the Compounder/ Lab Assistant	Mr. Harendra Dubey
Owner / Operator of the Zoo		
17	*Name of the Operator	Mrs. Aditi Sharma
18	Address of the Operator	Director Nawab Wajid Ali Shah Zoological Garden, Narhi Hazratganj, Lucknow
19	Contact details/Phone number of Operator	0522-2239588/ 8005493601
20	E-mail address of Operator	lucknowzoo@gmail.com

Organizational Chart



8. Human Resource

Manpower of The Zoo			
S.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1	Director	1	Mrs. Aditi Sharma
2	Dy. Director	1	Dr. Utkarsh Shukla
3	Veterinary Doctor	2	Dr. Ashok Kashyap, Dr. Brijendra Mani Yadav
4	Range Forest Officer	1	Dinesh Badola
5	Curator	1	Dr. Utkarsh Shukla
6	Curator (Aquarium)	1	Nil
	Biologist	1	Dr. Daya Shanker Sharma
7	Administrator Officer	1	Nil
8	Education Officer	1	Mrs. Neena Kumar
9	Sr. Assistant / Account	1	Mr. Ramcharan
10	Jr. Assistant/ Asst. Account	1	Mr. Shivraj Singh
11	Jr. Assistant	1	Mr. Mayank Prabhakar
13	Garden Supervisor	1	Mr. Abhishek Dubey
14	Lab Assistant	1	Nil
15	Security In-charge	1	Mr. Mohd. Anis
16	Stockman / Compounder	2	Mr. Harendra Dubey, Nil
17	Black Smith- cum-welder	1	Nil
18	Head Booking Clerk	1	Mr. Manoj Kumar Singh
19	Booking Clerk (including Train)	4	1) Mrs. Shweta Chauhan 2) Mr. Vijay Pal Singh 3) Mr. Khalil Ahmad 4) Nil
20	Assistant Serpentarium Keeper	1	Nil

21	Electrician-cum-mechanic	1	Kuldeep Kumar Verma
22	Driver-cum- mechanic	1	Nil
23	Head Keeper	1	Balram
24	Senior Keeper	6	1) Suresh 2) Jaswant Narayan 3) Deepak Kumar 4) Surendra Singh 5) Nil 6) Nil
25	Junior Keeper	8	1) Ashutosh Kumar 2) Ramveer 3) Mahendra Singh Bisht 4) Mohd Hasan 5) Rizwan Ahmad 6) Nil 7) Nil 8) Nil
26	Head Mali	1	Ram Sanehi
27	Mali	18	1) Gaya Prasad 2) Raghuwar Prasad 3) Satish Kumar 4) Uday Prakash 5) Mahesh Kumar Verma 6) Deepak Gupta 7) Mata Prasad 8) Mahesh Chandra Pathak 9) Rakesh Kumar Pal 10) Santosh Kumar 11) Chand Babu 12) Ramjee 13) Mahera Bano 14) Rakesh Pal 15) Nil 16) Nil 17) Nil 18) Nil
28	Senior Mahawat	1	Nil
29	Junior Mahawat	3	1) Mateen 2) Nil 3) Nil
30	Senior Sweeper	3	1) Raju Balmiki 2) Shivnath 3) Rajendra
31	Junior Sweeper	4	1) Ram Sewak 2) Manju 3) Ranjeet 4) Nil
32	Chowkidar	20	1) Saurabh Parag 2) Ram Ashish 3) Indra Pratap Gupta 4) Rakesh Kumar Rawat 5) Raj kumar-III 6) Rohit Kumar 7) Ajaybhan 8) Ram Narayan Kushwaha 9) Harendra Kumar Patel 10) Kuber 11) Vinay Kumar Srivastava 12) Gulab Chand Yadav 13) Anil Kumar Mishra 14) Seema 15) Nil 16) Nil 17) Nil 18) Nil 19) Nil 20) Nil
33	Fisher- Man	2	1) Nil 2) Nil
34	Conductor-Guard(BalTrain)	1	Naseer Ahmad
35	Coolie	3	1) Deepak Chand 2) Rakesh 3) Raj Kumari
36	Bhishti	1	Mohan Ram
37	Temp. Mali	1	Nil
	Total	100	

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. Brijendra Mani Yadav	Capacity Building of Zoo Veterinarian	16 th -18 th , October, 2023	Van Vihar, Bhopal
2.	Santosh Kumar Yadav (Daily wages Zoo Keeper)	Capacity Building Programme for Zoo Keepers	11 th to 13 th Dec, 2023	M. C. Zoological Park, Chhatbir, Punjab.
3.	Rizwan Ahmad (Junior Keeper)	Regional Capacity Enhancement Workshop for Zoo Keepers of Northern Region	13 th to 15 th March, 2023	National Zoological Park, New Delhi



10. Zoo Advisory Committee

a. Date of constitution- 04 August 2001

b. Members- 19

1.	प्रमुख सचिव वन, उत्तर प्रदेश शासन, लखनऊ	अध्यक्ष
2.	सचिव, वन, उत्तर प्रदेश शासन, लखनऊ	वरिष्ठ उपाध्यक्ष
3.	प्रधान मुख्य वनसंरक्षक और विभागाध्यक्ष उत्तर प्रदेश, लखनऊ	उपाध्यक्ष
4.	प्रधान मुख्य वनसंरक्षक, वन्य जीव, उत्तर प्रदेश, लखनऊ एवं प्रशासक, प्राणुउद्यान, लखनऊ	सदस्य
5.	निदेशक, पशुपालन विभाग, उत्तर प्रदेश, लखनऊ	सदस्य
6.	निदेशक, मत्स्य विभाग, उत्तर प्रदेश, लखनऊ	सदस्य
7.	निदेशक, राष्ट्रीय वनस्पति उद्यान, लखनऊ	सदस्य
8.	निदेशक, पर्यावरण एवं परिस्थितिकीय, उत्तर प्रदेश, लखनऊ	सदस्य
9.	मुख्य नगरअधिकारी, नगर निगम, लखनऊ	सदस्य
10.	जिलाधिकारी, लखनऊ	सदस्य
11.	प्रमुख सचिव वित्त द्वारा नामित प्रतिनिधि (जो संयुक्त सचिव के स्तर से कम न हो)	सदस्य
12.	प्रमुख सचिव, नियोजन विभाग द्वारा नामित प्रतिनिधि (जो संयुक्त सचिव के स्तर से कम न हो)	सदस्य
13.	विभागाध्यक्ष, जीव विज्ञान, विश्वविद्यालय, लखनऊ	सदस्य
14.	वरिष्ठ पुलिस अधीक्षक, लखनऊ	सदस्य
15.	निदेशक, सांस्कृतिक कार्यविभाग, उत्तर प्रदेश, लखनऊ	सदस्य
16.	प्रबन्ध निदेशक, उत्तर प्रदेश, वननिगम, लखनऊ	सदस्य
17.	महाप्रबन्धक, भारतीय स्टेट बैंक, स्थानीय प्रधानकार्यालय, लखनऊ	सदस्य
18.	निदेशक, ऑचलिक विज्ञान केन्द्र अलीगंज, लखनऊ	विशेष आमंत्रित
19.	श्रीसुधीर एस0 हलवासिया, हजरतगंज, लखनऊ	विशेष आमंत्रित

c. Dates on which Meetings held during the year - 04-01-2024

11. Health Advisory Committee

a. Date of constitution- 17 March 2004

b. Members- 12

1.	प्रधान मुख्य वनसंरक्षक, उत्तर प्रदेश, लखनऊ	अध्यक्ष
2.	प्रधान मुख्य वन्य जीव प्रतिपालक, उत्तर प्रदेश लखनऊ	उपाध्यक्ष
3.	सदस्य सचिव, केन्द्रीय चिड़ियाघर प्राधिकरण, नई दिल्ली द्वारा नामित प्रतिनिधि	सदस्य
4.	अपरप्रधानमुख्य वनसंरक्षक, राज्य चिड़ियाघर प्राधिकरण उ०प्र०	सदस्य
5.	निदेशक, पशुपालन विभाग उत्तर प्रदेश लखनऊ।	सदस्य
6.	निदेशक, लखनऊ प्राणुउद्यान, लखनऊ	सदस्य सचिव
7.	निदेशक, प्राणुउद्यान कानपुर	सदस्य
8.	इंचार्ज आई.वी.आर.आई. बरेली	सदस्य
9.	वन्य जीव चिकित्सक (उपनिदेशक) प्राणुउद्यान लखनऊ।	सदस्य
10.	वन्य जीव चिकित्सक प्राणुउद्यान कानपुर।	सदस्य
11.	डा. आर.पी. पाण्डेय, निदेशक क्लीनिक, वेटेनरी कालेज, दुवासु मथुरा।	सदस्य
12.	निदेशक, इटावा सफारी पार्क, इटावा।	सदस्य

c. Dates on which Meetings held during the year- 11-09-2023 in a Year

12. Statement of income and expenditure of the Zoo

S. No.	Income / Expenditure	Amount (in Rs.)
1	Total income in the financial year 2023-2024	20,42,04,543.64
2	Total expenditure in the financial year 2023-2024	18,30,08,816.32
3	Balance at the end of the year	2,11,95,727.32

13. Daily feed Schedule of animals

S.No.	Animal	Type and Quantity of Feed (Approx)
CARNIVORES		
1.	Tiger	Buffalo Calf meat- 10 to 14 kg.
2.	White Tiger	Buffalo Calf meat- 10 to 14 kg.
3.	Wolf Indian	Buffalo Calf meat- 2 to 3 kg.
4.	Leopard/Panther	Buffalo Calf meat- 2 to 3.500 kg.
5.	Common Fox	Buffalo Calf meat- 0.250 kg.
6.	Himalayan black bear	Egg- 1 piece Milk- 1 lt. Concentrate (Rice and barley flour) - 1 kg. Seasonal fruit & vegetables- 3.250 kg. Sugarcane - 0.500 kg.
7.	Sloth bear	Egg- 1 piece Milk- 1 lt. Concentrate (Rice and barley flour) - 1 kg. Seasonal fruit & vegetables- 3.250 kg. Sugarcane - 0.500 kg.
8.	Fishing Cat	Buffalo Calf meat- 0.500 kg.
9.	Caracal	Chicken/Mutton meat- 0.750 Kg.
10.	Hybrid Lion	Buffalo Calf meat- 8 to 12 Kg.

11.	Jungle cat	Buffalo or Calf meat- 0.500 to 0.750 Kg.
12.	Leopard cat	Chicken meat- 0.500 Kg.
13.	Hyena	Buffalo Calf meat- 2 to 2.500 kg.
HERBIVORES		
14.	Black buck	Wheat bran - 0.500 kg. Soaked gram- 0.500 kg. Seasonal fruit & vegetables - 1.500 kg. Green leaves (Tree lopping)- 1.5 to 2 kg.
15.	Swamp deer	Concentrate - 2.250 kg. Seasonal fruit & vegetables- 2.500 kg. Green leaves (Tree lopping)- 1.250 kg. Green fodder (Chara/Barseem)- 7.500 kg.
16.	Giraffe	Concentrate - 9.150 kg. Seasonal fruit & vegetables- 13 kg. Jaggery- 0.500 kg. Black salt- 0.025 kg. White salt- 0.025 kg. Green leaves (Tree lopping)- 15 kg.
17.	Grant's Zebra	Oats - 1.250 kg. Wheat bran - 1.250 kg. Gram- 1.250 kg. Black salt- 0.020 kg. Jaggery- 0.200 kg. Green grass- 15 kg.
18.	Hippopotamus	Concentrate - 4 kg. (1 kg. extra for male) Seasonal fruit & vegetables- 45 kg. Jaggery- 0.400 kg. Black salt- 0.050 kg. Green fodder (Chari/Barseem)- 20 kg. Doob grass- 25 kg.
19.	Hog deer	Wheat bran - 0.500 kg. Soaked gram- 0.500 kg. Carrot/Cucumber- 1.500 kg. Green leaves (Tree lopping)- 0.500 kg. Green fodder (Chari/Barseem)- 2.5 kg.

20.	Spotted deer	Concentrate - 1.500 kg. Seasonal fruit & vegetables- 0.500 kg. Green leaves (Tree lopping)- 0.500 kg. Green fodder (Chari/Barseem)- 1.500 kg.
21.	Sambhar deer	Concentrate - 2 kg. Seasonal fruit & vegetables- 3 kg. Green leaves (Tree lopping)- 1.250 kg. Green fodder (Chari/Barseem)- 7.500 kg.
22.	Barking deer	Concentrate - 1 kg. Seasonal fruit & vegetables - 1.5 kg. Green leaves (Tree lopping)- 1.5 to 2 kg.
RODENTS		
23.	Indian Giant Squirrel	Concentrate - 0.100 kg. Bread - 2 pcs. Seasonal fruit & vegetables- 1 kg.
24.	Indian Porcupine	Seasonal fruit & vegetables- 1.5 kg.
PRIMATES		
25.	Chimpanzee	Egg- 2 pcs. Seasonal fruit & vegetables- 8 kg. Sugarcane - 0.500 kg.
26.	Macaque Bonnet	Egg- 1 pcs. Seasonal fruit & vegetables- 2.5 kg. Sugarcane - 0.500 kg.
27.	Macaque Stump tailed	Egg- 1 pcs. Seasonal fruit & vegetables- 2.5 kg. Sugarcane - 0.500 kg.
28.	Lion tailed Monkey	Egg- 1 pcs. Seasonal fruit & vegetables- 2.5 kg. Sugarcane - 0.500 kg.
29.	Bengal Hanuman Langur	Egg- 1 pcs. Seasonal fruit & vegetables- 2.5 kg. Leaves (Gular)- 0.500 kg. Sugarcane - 0.500 kg.

30.	Slow Loris	Egg- 1 pcs. Seasonal fruit & vegetables- 4.5 kg. Corns- 0.250 kg.
BIRDS		
1.	White peacock	Concentrate - 0.500 kg. Green leaves (Hara Saag)- 0.150 kg. Chopped meat- 0.050 kg. (only in winter season)
2.	Hill Myna	Bread- 1 pcs. Concentrate - 0.030 kg. Seasonal fruit & vegetables- 0.150 kg. Milk- 0.100 kg. Jaggery- 0.050 kg.
3.	Griffon Vulture	Buffalo Calf meat- 0.750 kg. (for adult) Buffalo Calf meat- 0.250 kg. (for juvenile)
4.	Great hornbill	Egg- 1 pcs. Bread- 2 pcs. Milk- 0.200 ltr. Seasonal fruit & vegetables- 0.250 kg.
5.	Spoon bill	Small fish- 0.500 kg.
6.	Painted Stork	Small fish- 0.500 kg.
7.	White Necked Stork	Small fish- 0.500 kg.
8.	Black Necked Stork	Small fish- 0.500 kg.
9.	Indian White Ibis	Small fish- 0.250 kg.
10.	Sarus Crane	Concentrate - 1 kg. Small fish- 0.500 kg.
11.	Cockatiel	Concentrate - 0.060 Green leaves (Hara Saag)- 0.200 kg.
12.	Parakeets and Parrots	Concentrate - 0.200 kg. Seasonal fruit & vegetables- 0.500 kg.

13.	Macaw	Concentrate - 0.300 kg. Seasonal fruit & vegetables- 1 kg. Egg- 1 pc.
14.	Red Jungle fowl	Concentrate - 0.200 kg. Seasonal fruit & vegetables- 0.100 kg. Chopped meat- 0.010 (only in winter season)
15.	Pheasant	Concentrate - 0.300 kg. Seasonal fruit & vegetables- 0.150 kg. Fish - 0.010 (only in winter season)
16.	Grey partridge	Concentrate - 0.100 kg. Seasonal fruit & vegetables- 0.100 kg. Chopped meat- 0.010 (only in winter season)
17.	Ostrich	Concentrate - 2 kg. Seasonal fruit & vegetables- 1.500 kg.
18.	Emu	Concentrate - 0.650 kg. Seasonal fruit & vegetables- 1.500 kg. Bread- 6 to 8 pcs.
19.	Rosy pelican	Big Fish- 01 kg.
20.	Black Swan	Concentrate - 0.750 kg.
21.	White and Spotted dove	Concentrate - 0.100 kg.
22.	Grey leg goose	Concentrate - 0.500 kg.
23.	Owls	Rat- 1 to 2

24.	Budgeriger	Concentrate - 0.050 kg.
25.	Love birds	Concentrate - 0.070 kg.
Reptiles		
1.	Indian Python	4 Rabbits in 1 month (Till 8 month), not in winter season.
2.	Viper	1 to 2 rat- on every 10 th day (Not in winter season)
3.	Indian Cobra	1 to 2 rat- on every 10 th day (Not in winter season)
4.	Rat Snake	1 to 2 rat- on every 10 th day (Not in winter season)
5.	Red Sand Boa	1 to 2 rat- on every 10 th day (Not in winter season)
6.	Common sand boa	1 to 2 rat- on every 10 th day (Not in winter season)
7.	Turtle	Buffalo Calf meat- 0.250 kg. or Seasonal fruits
8.	Ghariyal	Fish- 1 kg. (Not in winter season)
9.	Crocodile Marsh (Mugger)	Buffalo beef meat- 0.500 kg. Twice in a weak (Not in winter season)

Note- Fruits and vegetables are provided according season and availability.

14. Vaccination Schedule of animals

S. No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	Feline	Feline Panleukopenia, Herpesviral (Rhinothracheitis) Calciviral Rabies	Biofel PCHR 1 ml	Annual	
2	Feline	Canine Distemper (CD)	Distemper Vaccine 1 ml	Annual	
3	Canine	Canine Distemper, Adenovirus Type 1, Adenovirus Type 2, Hepatitis, Parainfluenza, Parvovirus, Leptospira, Rabies	NOBIVAC DHPPi 1 ml	Annual	

15. De-worming Schedule of animals

S. No.	Species	Drug used	Month
1	Carnivores	Albendazole/ fenbendazole/ praziquantel/ pyrantel pamoate	Quarterly
2	Herbivores	Albendazole/ fenbendazole/ praziquantel	Six monthly
3	Primates	Albendazole/ fenbendazole/ praziquantel	Six monthly
4	Birds	Albendazole/ fenbendazole/ praziquantel	Six monthly



16. Disinfection Schedule

S.No.	Area/Enclosure	Cleaning of enclosure	Removal of weeds/lopping/cleaning/to throw soil/to spread lime/cleaning of outer area	Cleaning of drinking water vessel/Pan	Cleaning of pond
	Deer line				
1.	Black buck, Hog deer, Swamp deer, Barking deer, Spotted deer	Daily	Monthly	Weakly	--
2.	Serpentarium (Both old and new)	Daily	--	--	--
3.	White dove	Daily	--	Daily	--
4.	Lion tailed monkey and Chimpanzee	Daily	Monthly	Daily	
5.	Hippo	Daily	--	--	Every 2 Week
6.	Ostrich	Daily	Monthly	Weakly	
	Tiger house				
7.	Tiger, Sloth bear, Himalayan black bear	Daily	Monthly	Daily	Monthly
8.	Rosy pelican, Sambar deer	Daily	Monthly	--	Monthly
	Lion House				
9.	White tiger & Panther house	Daily	Monthly	Daily	Monthly
	Small Animal House				
10.	Hyena	Daily	--	Daily	--
	Bird Section				
11.	All monkey	Daily	Monthly	Daily	--
12.	Duck pond	--	--	--	Monthly
13.	Sarus crane, Black necked stork, Turtle, Emu, Parrot house	Daily	Monthly	Daily	Monthly
14.	Fishing cat	Daily	Monthly	Daily	--
	Deer Safari				
15.	Spotted deer, Swamp deer	Daily	Monthly	Weakly	Monthly
16.	Giraffe	Daily	Monthly	Daily	--
17.	Ostrich	Daily	Monthly	Daily	--

18.	Emu	Daily	Monthly	Weakly	--
	New Bird Section				
19.	All macaw	Daily	Monthly	Daily	
20.	All Pheasantry	Daily	Monthly	Daily	
	Deer park				
21.	Wolf	Daily	Monthly	Daily	--
22.	Jungle cat	Daily	Monthly	Daily	--
23.	Butter fly park	Daily	Monthly	--	--
	Hospital				
24.	Isolation ward	Daily	Monthly	Daily	
25.	All hospital enclosures	Daily	Monthly	Daily	
	Nocturnal house				
26.	All nocturnal animal enclosure	Daily	Weakly	Daily	
	Aquarium				
27.	All fishes and turtles	Daily	Weakly		
28.	Crocodile & Ghariyal Pond	--	Monthly	Every two week	Every Six Month
29.	Fox Enclosure	Daily	Monthly	Daily	--

Name of Disinfectants used

- Virkon-s
- Kohrsolin T H
- Chlorasol
- Potassium permagnate
- Res-Q

17. Health Check-up of employees for zoonotic diseases

S.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1.	All zoo employee	Veterinary Doctors, Keepers, Sweepers, Mali	Annually	No employee was diagnosed with Zoonotic disease

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

- Improvement in Zoo Kitchen to keep the premises safe and hygienic.
- Improvement of Mammals and Avian indoor wards in Hospital.
- Vertiver & Bamboo Curtains were installed in the bird enclosures to maintain cool temperature.
- Sun shade nets/ Green house netting were installed to protect animals from direct sunlight.
- Plantation of fruit trees in zoo premises.
- Inauguration of Vertical Garden, by Director Zoo and Director NBRI.

19. Education and Awareness programs during the year

1. On April 08, 2023 National Zoo Lovers Day was celebrated on large scale
2. Save the Frog Day was celebrated on 28-29 April 2023.
3. World Tuna Day was celebrated on May 2, 2023, information about this Unique Fish was distributed through a pamphlet.

4. From May 08, 2023 to June 5, 2023. Various programmes were being organized regarding pollutions, save electricity, save water, environment protection etc. under Mission LiFE.
5. On the 17, 2023 an Exhibition was held on occasion of World Crocodile Day,
6. On June 21, 2023 International Yoga Day, was celebrated with the childrens and staff in the zoo premises,
7. On July 16, 2023 on occasion of World Snake Day, pamphlet distribution and skit program was done under theme, "An effort to prevent snake bite : awareness is solutions" in zoo premises
8. On 29th July, on Global Tiger Day (Save the Tiger) Poster Competition were organized for school children and felicitation of keepers was done. Hon'ble Ministers, Additional Chief Secretary, Head of Department and other senior officers graced this program.
9. International Owl Day was celebrated on 4 August 2023. On this occasion, a program was held on the topic, owl species and their conservation. Students were taken on a tour of the Nocturnal House.
10. World Lion Day was celebrated on 10th August, 2023, a seminar was held on "The lion, a symbol of power and victory". Prior to this, on 09th August, a rally of 200 students was taken out.
11. On 31 August to 17 September, 2023 programme on Unite For Big Cat were organized in which awareness workshop, keepers talk, children's activities were done.
12. International Vulture Awareness day was celebrated on first saturday of September, 2023 Quiz Competition was organized.
13. Under the Swachh Bharat Mission, various programs were organized in the Swachhta Pakhwada from 15 September to 02 October, 2023. Such as rally, distribution of pamphlets, Cleaning

of wards of Zoo premises, Cleanliness exhibition, Cleaning inspection, Street play (for tourists visiting the zoo premises, especially children and students), Cleaning of hospital wards, Seminar on cleanliness, Cleaning of children's cart, Lecture was given to tourists and school students on plastic waste.

14. Wild Life Week was celebrated from 02 October to 7 October, 2023. Many programs were held under the aegis of the Education Department and under the guidance of the Director. During this time various programs, competitions, seminars and poetry conferences, fashion shows, animal making, dyeing competitions etc. were organized.
15. In November, 2023, a Capacity Building Work shop for Zoo Educators was organized by Lucknow Zoo.
16. On 26 January 2024, Republic day was celebrated.
17. On 31 January 2024, on the occasion of International Zebra Day, a Paper Envelope Making Competition was organized for school students
18. On 2nd February, 2024 on occasion of World Wetlands Day, quiz competition was organized
19. World Hippo Day celebrated on February 15, 2024, pamphlets were distributed and a quiz was organized for students and visitors.
20. On March 3, 2024 on occasion of World Wildlife Day, a drawing competition was organized on the theme "Connecting People and Planet Exploring Digital Innovation in Wildlife Conservation" and short presentation on Digital Innovation in Wildlife Conservation was presented.
21. On 14 March 2024, Paper Mask Making Competition was organized on occasion of World Butterfly Day organized on
22. On 20 March 2024, workshop for nest making" and Rally for Sparrow conservation was organized on occasion World Sparrow Day "

20. Important Events and happenings in the Zoo

- International Tiger Day- 2023



Activities



- Wild Life Week-2023



- Swachh Bharat Abhiyan- 2023



- Celebration of 102th Zoo Foundation Day - 2023



- Launch of Zoo wrist band 2023



- World Wildlife Day-2024



- Party on Wheels



- Waste to wonder



Toy Train



21. Adoptions

S. No	Adopting body/ institution/ Person	Species	Date	Duration
1	St. Francis college, I.S.C batch 1973	1 black buck, Indian cobra	18.04.2023 to 17.04.2024	1 year
2	Mrs. Shipra Bhadauria	1 black buck	20.04.2024 to 19.10.2024	6 month
3	Mrs. Tanuja Srivastava	1 owl, 1 crocodile, 1 turtle	17.05.2023 to 16/11/2023	6 month
4	Mrs. Chitrlekha Verma	1 Pheasant, 2 budgerigar	22.05.2023 to 26.05.2024	1 year
5	Principle, La martiniere girls college	01 Rose Ringed parakeet, 1 giant Squirrel, 1 white dove, 1 white peacock, Indian Cobra	27.05.2023 to 26.05.2024	1 year
6	Shree Vasu Krishna , Vrindavan Colony, Lucknow	1 Langur, 2 love Bird, 1 White dove, 1 budgerigar	01.07.2023 to 30.06.2024	6 month, 1 year, 1 month
7	Mr. Anupam Gupta , MD Van Nigam,	1 Langur	03.07.2023 to 02.01.2024	6 month
8	Mr. Abhaas Tandon	1 owl	15/8/2023 to 14/9/2023	1 month
9	Mrs. Tanuja Srivastava	Hill myna, Great hornbill, bar headed goose	01.08.2023 to 31.07.2024	1 year
10	Mrs. Tanuja Srivastava	Brahminy Duck, knob Duck, water duck	01.08.2023 to 29.02.2024	6 month
11	Lions club Pratishta, Mrs. Priti Srivastava, Gomti Nagar Lucknow	1 Great Hornbill, 1 White Peacock	02-10-2023 to 01-04-2024	6 month
12	Dr. Dipti Dixit, 99 Nazarbagh, Lucknow	1 tortoise,	26.09.2023 to 25.09.2024	1 year
13	Sumit Kathpalia, alambagh, Lucknow	1 vulture	17.10.2023 to 18. 10.2023	1 day
14	Sumit Kathpalia, alambagh, Lucknow	1 vulture	11/1/2023 to 11/15/2023	15 day
15	Lucknow Round Table- 136, Lucknow Ladies circle- 84	1 Leopard Cat	23.11.2023 to 22.11.2024	1 year
16	Darsh Agarawal	1 crocodile	13.12.2023 to 12.12.2024	1 year
17	Mr. Vishnu Kant Mishra	1 white Peacock	16.12.2023 to 15.12.2024	1 year
18	Mrs. Tanuja Srivastava	1 owl, 1 crocodile, 1 turtle	27. 12.23 to 26.06.24	6 month

19	Mrs. Izra Ikram	1 red jungle fowl	02.01.2024 to 01.01.2025	1 year
20	Mr. Manish Bhatnagar	Budgerigar	06.01.2024 to 05.01.2025	1 year
21	Mrs. Meena Tangdi	Hog deer, Hill Myna, Indian Rock Python, Pied Hornbill	15.01.2024 to 14.01.2025	1 year
22	Mrs. Rashmi Srivastava, w/o Mr. Sanjay Srivastava, PCCF Wildlife	1 tortoise	2/3/2024 to 1/3/2025	1 year
23	Mr. Amrit Kumar Singh, Raebareli Road	Swamp Deer	7/3/2024 to 6/6/2024	3 month

22. Seasonal special arrangements for upkeep of animals

- In Winter:**

- Heaters
- Curtains to prevent animals from direct cold.
- Wooden Beds for Feline, Canines & Primates.
- Addition of oily Seeds like peanuts, boiled eggs and other seasonal foods.
- Mustard cake for herbivores.
- Bedding of paddy straw inside enclosure.
- Vitamins, minerals and salt lick.

- In Summer:**

- Water Sprinklers
- Foggers for Aviaries.
- Coolers for room animals like Lion, Tiger, Chimpanzee etc.
- Ceiling Fans.
- Running water availability for Aquatic animals.
- Circulating water for crocodiles, turtles, gharials and for water birds.



In Rainy:

- Roof cover for open cages of birds, monkey etc
- To insure the proper drainage from each enclosure
- Cleaning of grasses and weeds from enclosures.

23. Research work carried out and publications

Maintained records of treatment of animals rescued from wild and zoo animals.

23. Conservation Breeding Program of the Zoo

Swamp Deer Breeding Program is in process.

25. Animal Acquisition/Transfer/Exchange during the year 2023-24

Genetic and population diversity of *Tawocera coti* (Schrank, 1788) Brumpt, 1927, on the basis of the internal transcribed spacer (ITS) region

Thangam Venkatesan¹, Kavita Pande², Anu Kumar³, Anil Kumar Sarkar⁴, Hira Rani⁵, Divendra Prasad Patra⁶, M. Karikalan⁷, Rajat Gang⁸, M. K. Singh⁹, Utkarsh Shukla¹⁰, A. M. Pawde¹¹

A case report of pulmonary aspergillosis in an adult ostrich (*Struthio camelus*)

P. Sree Lakshmi, M. Karikalan¹, M. Ansh Kumar, Abhishek, Bijendra M. Yadav², Utkarsh Shukla³ and A.M. Pawde⁴
 K. J. Somaiya Veterinary Research Institute, Solapur 412 121, India; ¹North Wood Hill Zoological Garden, Lucknow, U.P.

Scientific Report

The first record of *Heterakis gallinarum* as a cause of fatal nodular typhlitis in golden pheasants (*Chrysolophus pictus*) in India

Sharma, M.; Ansh Kumar, M.; Karikalan, M.; Fadi Rahman, A. T.; Vivek Srivastava, M.; Rana, H.; Pawde, A. M.; Shukla, U.; Yadav, B. M.; Dhama, K.; and Sankumar, G.



Research work carried out and publications

A.	Animals acquisition in the Zoo				
	H.NO.	Species	Number (M:F:U)	From which Zoo	Date of arrival in the zoo
	1.	Indian star tortoise	0:0:3	Received from Local person	01-05-2023
	2.	Great Hornbill	0:0:1	Received from Local person	01-05-2023
	3.	Sarus Crane	0:0:4	1. Received from District Raebareli 2. Received from Lucknow City Range 3. Received from Sultanpur Range (vill- Chatauna, Lamhua) 4. Received from local person	14-07-2023
	4.	African grey parrot	0:1:0	Received from Local person	08-08-2023
	5.	Leopard	0:1:0	Received from Bijnor Forest Division	14-08-2023
	6.	Leopard	1:0:0	Received from Bijnor, Najibad Range	05-09-2023
	7.	Leopard	1:0:0	Received from Sohelwa Wildlife, Balrampur	10-09-2023
	8.	Leopard	1:0:0	Received from Muradabad Forest, Thakurdwara Range.	12-11-2023
	9.	Leopard	1:0:0	Received from Sogelwa Wildlife Bankatwa Range	12-11-2023
	10.	Leopard	0:1:0	Received from Bijnor forest, Najibabad Range	12-11-2023

	11.	Griffon Vulture	0:0:1	Received from local person	03-12-2023
	12.	Hippo	0:1:0	Received from Kanpur zoo	04-12-2023
	13.	Leopard	1:0:0	Received from Moradabs Forest Division (Moradabd Range)	15-12-2023
	14.	Leopard	1:0:0	Received from Received from Mihipurwa, Bahrich Forest Division on	15-12-2023
	15.	Leopard	0:1:0	Received from Received from Mihipurwa, Bahrich Forest Division on	15-12-2023
	16.	Sloth bear	0:1:0	Received from Nagpur zoo	15-12-2023
	17.	Sloth bear	1:0:0	Received from Nagpur zoo	15-12-2023
	18.	Hybrid Lion	1:0:0	Received from Tirupati Zoo	24-12-2023
	19.	Leopard	1:0:0	Received from Bahrich forest div. Vill- Dhrampur	20-01-2024
	20.	Leopard	1:0:0	Received from Bijnor Forest Division (Nagina Range)	07-03-2024
B.	Animals sent to other Zoo (2023-2024)				
	H.NO.	Species	Number (M:F:U)	Going to which Zoo	Date of deposition from the zoo
	1.	Gharial	2:2:0	Sent to Jambu Zoo	22-11-2023
	2.	Red jangle fowl	1:2:0	Sent to Kanpur Zoo	20-01-2024
	3.	Blue yellow macaw	1:1:0	Sent to Kanpur Zoo	20-01-2024
	4.	Pelican	1:1:0	Sent to Kanpur Zoo	20-01-2024
	5.	Tiger	1:0:0	Sent to Sri Venkateswara Zoological Park, Tirupati, Andhra Pradesh,	11-02-2024
	6.	Tiger	0:1:0	Sent to Sri Venkateswara Zoological Park, Tirupati, Andhra Pradesh,	11-02-2024
	7.	Panther	1:0:0	Sent to Green Zoological, Rescue & Rehabilitation Centre, Jamnagar, Gujarat.	23-02-2024
8.	Panther	1:0:0	Sent to Green Zoological, Rescue & Rehabilitation Centre, Jamnagar, Gujarat.	23-02-2024	

	9.	Panther	0:1:0	Sent to Green Zoological, Rescue & Rehabilitation Centre, Jamnagar, Gujarat.	23-02-2024
	10.	Panther	0:1:0	Sent to Green Zoological, Rescue & Rehabilitation Centre, Jamnagar, Gujarat.	23-02-2024
	11.	Gharial	2:2:0	Sent to Green Zoological, Rescue & Rehabilitation Centre, Jamnagar, Gujarat.	23-02-2024
	12.	Swamp deer	4:4:0	Sent to Green Zoological, Rescue & Rehabilitation Centre, Jamnagar, Gujarat.	23-02-2024
	13.	Sarus Crane	2:2:0	Sent to Green Zoological, Rescue & Rehabilitation Centre, Jamnagar, Gujarat.	23-02-2024
	14.	Hog deer	2:4:0	Sent to Nagpur Zoo	10-03-2024
	15.	Swamp deer	3:4:0	Sent to Nagpur Zoo	10-03-2024
	16.	Blue and Yellow Macaw	1:1:0	Sent to Nagpur Zoo	10-03-2024
	17.	Painted Stork	2:2:0	Sent to Nagpur Zoo	10-03-2024
	18.	Sarus Crane	1:1:0	Sent to Nagpur Zoo	10-03-2024

26. Rescue and Rehabilitation of the wild animals carried out by the zoo (2023-2024)

S.No.	Date of Rescue	Species with number of animals rescued with their sex (M: F:U:T)	Received from	Date of Submission of Report to the CWLW/ CZA	Action taken	
					Date and Place of rehabilitation in their habitat	Reasons for housing in the zoo, if not released in their habitat
1.	14-08-2023	Leopard (0:1:0)	Received from Bijnor Forest Division	--	--	Man-animal conflict
2.	05-09-2023	Leopard (1:0:0)	Received from Bijnor, Najibad Range	--	--	Man-animal conflict
3.	10-09-2023	Leopard (1:0:0)	Received from Sohelwa Wildlife, Balrampur	--	--	Man-animal conflict
4.	12-11-2023	Leopard (1:0:0)	Received from Muradabad Forest, Thakurdwara Range.	--	--	Abandoned

5.	12-11-2023	Leopard (1:0:0)	Received from Sohelwa Wildlife Bankatwa Range	--	--	Abandoned
6.	12-11-2023	Leopard (0:1:0)	Received from Bijnor forest, Najibabad Range	--	--	Abandoned
7.	15-12-2023	Leopard (1:0:0)	Received from Moradabs Forest Division (Moradabd Range)	--	--	Man-animal conflict
8.	15-12-2023	Leopard (1:0:0)	Received from Received from Mihipurwa, Bahrach Forest Division on	--	--	Man-animal conflict
9.	15-12-2023	Leopard (0:1:0)	Received from Received from Mihipurwa, Bahrach Forest Division on	--	--	Man-animal conflict
10.	20-01-2024	Leopard (1:0:0)	Received from Bahrach forest div. VIII- Dhampur	--	--	Badly injured
11.	07-03-2024	Leopard (1:0:0)	Received from Bijnor Forest Division (Nagina Range)	--	--	Man-animal conflict

27. Annual Inventory of animals

Endangered Species

S.no	Species of Mammals	Scientific Name	Closing Stock as on 31 March, 2023				Birth	Acquisition	Disposal	Death	Stock as on 31 March, 2024			
			M	F	U	T					M:F:U	M:F:U	M:F:U	M:F:U
	CARNIVORES		M	F	U	T	M:F:U	M:F:U	M:F:U	M:F:U	M	F	U	T
1	Bengal Tiger	<i>Panthera tigris tigris</i>	5	4	0	9			1,1,0		4	3	0	7
2	Tiger (leucistic/ White)	<i>Panthera tigris tigris</i>	1	2	0	3					1	2	0	3
3	Indian Wolf	<i>Canis lupus pallipes</i>	1	1	0	2					1	1	0	2
4	Leopard	<i>Panthera pardus</i>	5	7	0	12		8,3,0	2,2,0	1,0,0	10	8	0	18
5	Common Fox	<i>Vulpes bengalensis</i>	1	0	0	1					1	0	0	1
6	Himalayan black bear	<i>Ursus thibetanus</i>	1	3	0	4				0,1,0	1	2	0	3
7	Leopard Cat	<i>Prionailurus bengalensis</i>	1	1	0	2					1	1	0	2

8	Jungle Cat	<i>Felis chaus</i>	2	1	0	3					2	1	0	3
9	Sloth bear	<i>Melursus ursinus</i>	1	0	0	1		1,1,0			2	1	0	3
10	Fishing Cat	<i>Prionailurus viverrinus</i>	2	0	0	2					2	0	0	2
11	Caracal	<i>Caracal caracal</i>	0	1	0	1					0	1	0	1
	HERBIVORES													
12	Black buck	<i>Antilope cervicapra</i>	45	41	3	89			2,2,0	6,0,0	37	39	3	79
13	Black buck (leucistic/ white)	<i>Antilope cervicapra</i>	1	1	0	2		2,2,0		0,2,0	3	1	0	4
14	Swamp deer (Barasingha)	<i>Rucervus duvaucelii</i>	31	51	3	85	0,0,5		7,8,0	2,0,0	22	43	8	73
15	Indian Hog Deer	<i>Hyelaphus porcinus</i>	8	21	0	29	0,0,2		2,4,0	1,0,0	5	17	2	24
	PRIMATES													
16	Bonnet Macaque	<i>Macaca radiata</i>	3	3	0	6				0,1,0	3	2	0	5
17	Bengal Hanuman Langur	<i>Semnopithecus entellus</i>	2	1	0	3				0,1,0	1	1	0	2
18	Lion-tailed Macaque	<i>Macaca silenus</i>	1	1	0	2					1	1	0	2
19	Bengal Slow Loris	<i>Nycticebus bengalensis</i>	1	2	0	3				0,1,0	1	1	0	2
	RODENTS													
20	Indian Giant Flying Squirrel	<i>Petaurista philippensis</i>	0	1	0	1				0,1,0	0	0	0	0
21	Indian Giant Squirrel	<i>Ratufa indica</i>	0	2	0	2				0,1,0	0	1	0	1
	Total -		112	144	6	262					98	126	13	237
S.no	Species of Birds	Scientific Name	Closing Stock as on 31 March, 2023				Birth	Acquisition	Disposal	Death	Stock as on 31 March, 2024			
1	Cheer Pheasant	<i>Catreus wallichii</i>	0	1	0	1				0,1,0	0	0	0	0

2	Peafowl (Leucistic/ White)	<i>Pavo cristatus</i>	1	1	0	2					1	1	0	2
3	Common Hill Myna	<i>Gracula religiosa</i>	6	3	0	9				1,0,0	5	3	0	8
4	Great Hornbill	<i>Bucerosbicornis</i>	0	0	3	3		0,0,1			1	1	2	4
5	Eurasion Spoon bill	<i>Platalealeucorodia</i>	1	0	0	1					1	0	0	1
	Total -		8	5	3	16					8	5	2	15
S.no	Species of Reptiles	Scientific Name	Closing Stock as on 31 March, 2023				Birth	Acquisition	Disposal	Death	Stock as on 31 March, 2024			
1	Marsh Crocodile (Mugger)	<i>Crocodylus palustris</i>	4	9	0	13					3	3	7	13
2	Gharial	<i>Gavialis gangeticus</i>	3	4	11	18			4,4,0		1	2	7	10
3	Spotted pond turtle	<i>Geoclemys hamiltonii</i>	12	15	0	27					12	15	0	27
4	Indian Rock Python	<i>Python molurus</i>	14	7	2	23					14	7	2	23
5	Spectacled Cobra	<i>Naja naja</i>	0	0	4	4					0	0	4	4
6	Russell's Viper	<i>Daboia russelii</i>	0	0	4	4					0	0	4	4
7	Common Rat Snake	<i>Ptyas mucosa</i>	1	0	3	4					1	0	3	4
	Total -		34	35	24	93					31	27	27	85
	Total Animals-		154	184	33	371					137	158	42	337

Other than Endangered Species

S.no	Species of Mammals	Scientific Name	Closing Stock as on 31 March, 2023				Birth	Acquisition	Disposal	Death	Stock as on 31 March, 2024			
			M	F	U	T					M:F:U	M:F:U	M:F:U	M:F:U
1	Hybrid Lion	<i>Panthera leo (hybrid)</i>	1	3	0	4		1,0,0		1,0,0	1	3	0	4

2	Serval Cat	<i>Leptailurus serval</i>	1	0	0	1				1,0,0	0	0	0	0
3	Hyaena	<i>Hyaena hyaena</i>	0	1	0	1					0	1	0	1
	HERBIVORES													
4	Northern Giraffe	<i>Giraffa camelopardalis</i>	0	1	0	1					0	1	0	1
5	Grant's Zebra	<i>Equus quagga boehmi</i>	2	3	0	5				0,1,0	2	2	0	4
6	Hippopotamus	<i>Hippopotamus amphibius</i>	2	0	0	2		0,1,0			2	1	0	3
7	Spotted deer/ Chital	<i>Axis axis</i>	40	96	13	149	0,0,9			2,0,0	38	96	22	156
8	Sambar deer	<i>Rusa unicolor</i>	3	4	0	7				0,1,0	3	3	0	6
9	Barking deer	<i>Muntiacus muntjak</i>	13	9	0	22				1,0,0	12	9	0	21
	RODENTS													
10	Indian Crested Porcupine	<i>Hystrix indica</i>	3	2	5	10					3	2	5	10
	PRIMATES													
11	Chimpanzee	<i>Pan troglodytes</i>	0	1	0	1					0	1	0	1
	Total-		80	116	27	223					77	114	34	225
S.no	Species of Birds	Scientific Name	Closing Stock as on 31 March, 2023				Birth	Acquisition	Disposal	Death	Stock as on 31 March, 2024			
			M	F	U	T	M:F:U	M:F:U	M:F:U	M:F:U	M	F	U	T
1	Painted Stork	<i>Mycteria leucocephala</i>	10	16	0	26	0,0,11		2,2,0		8	14	11	33
2	White Necked Stork	<i>Ciconia episcopus</i>	1	0	0	1					1	0	0	1
3	Black Necked Stork	<i>Ephippiorhynchus asiaticus</i>	3	2	1	6	0,0,3				3	2	4	9
4	Indian White Ibis	<i>Threskiornismelanocephalus</i>	6	10	0	16	0,0,4				6	10	4	20
5	Sarus Crane	<i>Grus antigone</i>	1	1	3	5		0,0,4	3,3,0		0	0	3	3
6	Cockatiel	<i>Nymphicus hollandicus</i>	40	50	0	90				1,0,0	39	50	0	89

7	African grey parrot	<i>Psittacus erithacus</i>	2	1	0	3		0,1,0			2	2	0	4
8	Rose ringed Parakeet	<i>Psittaculakrameri</i>	3	5	0	8					3	5	0	8
9	Alexandrine parakeet	<i>Psittaculaeupatria</i>	2	0	0	2					2	0	0	2
10	Indian Red Brested Parakeet	<i>Psittaculaalexandri</i>	5	5	4	14					5	5	4	14
11	Blossom headed parakeet	<i>Psittacularoseata</i>	2	4	0	6					2	4	0	6
12	Yellow Faced Parakeet	<i>Alipiopsittaxanthops</i>	1	1	6	8			0,1,0		1	1	5	7
13	Rose-ringed Parakeet (Color morph)	<i>Psittacula sp.</i>	3	4	0	7				1,0,0	2	4	0	6
14	Blue and Yellow Macaw	<i>Ara ararauna</i>	7	9	1	17			2,2,0	1,0,0	4	7	1	12
15	Red and Green Macaw	<i>Ara chloropterus</i>	1	0	0	1					1	0	0	1
16	Red Jungle fowl	<i>Gallus gallus</i>	10	7	10	27			1,2,0	1,1,0	9	6	7	22
17	Golden pheasant	<i>Chrysolophus pictus</i>	5	3	5	13				2,3,0	3	1	4	8
18	Silver pheasant	<i>Lophuranythemera</i>	8	4	6	18				1,1,0	7	3	6	16
19	Lady Amherst's pheasant	<i>Chrysolophusamherstiae</i>	2	0	0	2					2	0	0	2
20	Reeves's pheasant	<i>Syrmaticusreevesii</i>	1	0	0	1				1,0,0	0	0	0	0
21	Grey partridge	<i>Perdix perdix</i>	0	1	0	1					0	1	0	1
22	Ostrich	<i>Struthio camelus</i>	0	2	0	2				0,1,0	0	1	0	1
23	Emu	<i>Dromaiusnovaehollandiae</i>	4	5	0	9				1,0,0	3	5	0	8
24	Griffon Vulture	<i>Gyps fulvus</i>	0	0	5	5		0,0,1		1,1,0	0	0	4	4

25	Great white pelican	<i>Pelecanus onocrotalus</i>	15	19	7	41	0,0,7		1,1,0		15	19	12	46
26	White dove	<i>Columbiformes</i>	11	17	0	28				1,1,0	10	16	0	26
27	Spotted Dove	<i>Streptopelia chinensis</i>	0	0	1	1					0	0	1	1
28	Greylag goose	<i>Anser anser</i>	0	0	1	1					0	0	1	1
29	Common Barn Owl	<i>Tyto alba</i>	2	1	4	7					2	1	4	7
30	Great Horn owl	<i>Bubo virginianus</i>	1	1	3	5					1	1	3	5
31	Eagle Owl	<i>Bubo</i>	2	1	2	5					2	1	2	5
32	Mottled Wood Owl	<i>Strix ocellata</i>	1	1	0	2					1	1	0	2
33	Jungle Owlet	<i>Glaucidium radiatum</i>	4	2	0	6					4	2	0	6
34	Green Cheeked Conure	<i>Pyrrhura molinae</i>	2	2	6	10				1,1,0	1	2	5	8
35	Eclectus Parrot	<i>Eclectus oratorius</i>	1	2	0	3				0,1,0	1	1	0	2
36	Love Bird (color morph)	<i>Agapornis sp.</i>	5	10	0	15	0,0,5				5	10	5	20
37	Black Swan	<i>Cygnus atratus</i>	1	1	0	2	0,0,1			0,1,0	1	0	1	2
38	Budgeriger	<i>Melopsittacus undulatus</i>	5	10	3	18	0,0,5				5	10	8	23
	Total-		167	197	68	432					151	185	95	431
S.no	Species of Reptiles	Scientific Name	Closing Stock as on 31 March, 2023				Birth	Acquisition	Disposal	Death	Stock as on 31 March, 2024			
1	Red Sand Boa	<i>Eryx johnii</i>	2	2	6	10					2	2	6	10
2	Common sand boa	<i>Gongylophis conicus</i>	3	2	2	7					3	2	2	7
3	Indian star tortoise	<i>Geochelone elegans</i>	0	0	3	3		0,0,3			0	0	6	6
	Total-		5	4	11	20					5	4	14	23
	Total Animals-		237	321	97	655					217	308	136	661

28. 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	Slow Loris	<i>Nycticebus bengalensis</i>	F	08-04-2023	Septicemic shock
2	Leopard/Panther	<i>Panthera pardus</i>	M	26-04-2023	Cardio respiratory failure associated with multi organ failure and old age.
3	Black Buck	<i>Antilope cervicapra</i>	M	05-05-2023	Cardio respiratory failure associated with Septicemic shock.
4	Indian Hog Deer	<i>Axis porcinus</i>	M	16-05-2023	Internal hemorrhagic shock
5	Black Buck	<i>Antilope cervicapra</i>	M	19-05-2023	Septicemic shock
6	Swamp deer (DL)	<i>Rucervusduvaucelii</i>	M	05-06-2023	Traumatic Shock
7	Bengal Hanuman Langur	<i>Semnopithecus entellus</i>	F	14-06-2023	Cardiac arrest (Heat Stroke)
8	Bonnet Macaque	<i>Macaca radiata</i>	F	26-06-2023	Heat Stroke (Senility)
9	Black buck	<i>Antilope cervicapra</i>	M	13-08-2023	Internal traumatic shock
10	Himalayan Black Bear (Chameli)	<i>Ursus thibetanus laniger</i>	F	01-09-2023	Cardio Respiratory Failure associated with Senility
11	Black buck	<i>Antilope cervicapra</i>	M	11-10-2023	Senility
12	Black buck (Albino)	<i>Antilope cervicapra</i>	F	04-12-2023	Cardio respiratory failure due to Traumatic shock
13	Swamp deer	<i>Rucervusduvaucelii</i>	M	11-12-2023	Traumatic Injury
14	Black buck	<i>Antilope cervicapra</i>	M	07-01-2024	Traumatic Injury
15	Black Buck Albino	<i>Antilope cervicapra</i>	F	07-03-2024	Traumatic shock as a result of Head injury
16	Indian Giant Squirrel	<i>Ratufa indica</i>	F	07-03-2024	Cardio respiratory failure associated with Senility
17	Black buck	<i>Antilope cervicapra</i>	M	14-03-2024	Traumatic shock
18	Indian Giant Flying Squirrel	<i>Petauristaphilippensis</i>	F	24-03-2024	Multi-organ failure associated with Senility
19	Species of Birds				
20	Cheer pheasant	<i>Catreuswallichii</i>	F	14-06-2023	Heat Stroke
	Hill Myna	<i>Gracula religiosa</i>	M	06-09-2023	Chronic hepatitis

29. Status of the compliance with conditions stipulated by the Central Zoo Authority

S. No.	Norm No.	Condition Stipulated	Time Period to Comply	
General Requirements:				
1	1.9	The domestic geese should be removed from the pelican enclosure.	With immediate effect	Complied with
Administrative and Staffing Pattern:				
2	2.2	The Zoo should have a full time veterinary officer.	Six months	Complied with
Animal housing, display of animals and animal enclosures:				
3	4.1	The existing primate section requires a complete overhaul and a modern small primate section created.	Two years	Complied with
4	4.2	The size and design of reptile house should be increased to meet the biological requirement of the species.	Two years	Complied with
5.	4.5	The heritage Balrampur lion house may be renovated and rebuilt by adding additional extension area and while doing so the heritage structure and modern extension should merge.	Two years	Complied with
6.	4.6	The enrichment in primates, reptiles and in Sambar (Creating wallowing pool) should be dealt with at the earliest.	Six months	Complied with
		The existing mugger crocodile exhibit area may be renovated by removing the multiple row of fountains and relocating the restraining area and increasing the height of the surrounding land area away from the visitor site.	One years	Complied with
7.	4.9	Adequate no. of directional signages should be provided at each crossing.	One years	Complied with
8.	4.10	a) Animal signages with interesting facts should be provided.	Six months	a) Complied with
		b) The animal signages fixed in display area must be installed outside.	Three months	b) Complied with
		c) The current practice of scattered and multiple signages in each enclosure should be dispensed with and if the need be the signages can be clustered in one area.	Six months	c) Complied with
Upkeep and healthcare of animals:				
9.	5.2(6)	Water sample should be got tested periodically.	Two months	Complied with
10.	5.3(5)	The zoo should maintain keeper diary, daily report, studbook as per CZA Performa.	One months	Complied with

Veterinary and Breeding of animals:				
11.	6.1(b)	The veterinarian and technician must be sent for training in equipment use and data analysis.	One year	Complied with
Acquisition and breeding of animals:				
12.	9.1,9.3 & 9.4	Mates for Hoolock gibbon male, rhino male, leopard cat male, jungle cat female and giraffe female should be procured.	Six month	Trying continuously to get from other zoos. Jungle Cat pair has been procured from Indra Gandhi Zoological Park, Vishakhapatnam
13.	9.6 b & d	Conservation breeding for swamp deer should be started in a planned manner as the CZA has allocated this responsibility to the Lucknow Zoo.	Six month	Work in progress
14.	9.8	Efforts should be made to fix identification mark in all endangered species.	One year	Only work will be done with planning, possibility and availability at Budget
15.	9.9	Excess population of hog deer, black buck and swamp deer should be reduced to the extent of requirement of exhibits and enclosure carrying capacity.	One year	Work in progress
Education and outreach activities:				
16.	11.1	To enhance the educational and interpretive values of the nocturnal animal house a visitor holding area cum interpretation hall requires to be created.	One year	Work in progress
Visitor facilities:				
17	12.1	Ramp should be provided for physically challenged visitor to see the animal.	One year	Complied with

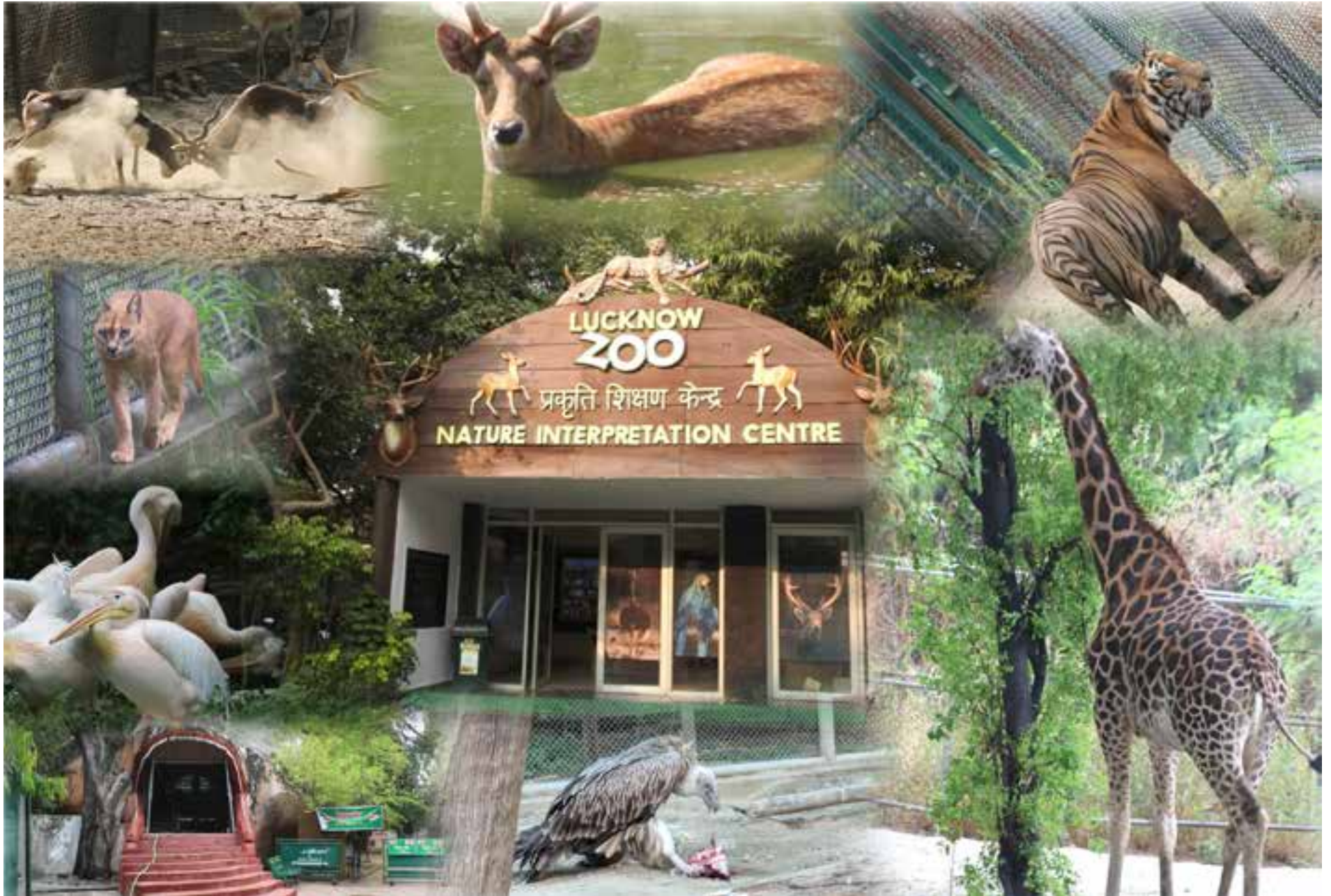
30. List of free living wild animals within the zoo premises

- Five striped Palm squirrel
- Brookiish Gecko.
- Porcupine
- Civet Cat
- Indian Peafowl
- Painted Stork
- Indian Gray Hornbill
- House Sparrow
- Mongoose
- Alexandrine Parakeet
- Spotted Dove
- Barn Owl
- Mottled Wood Owl
- Owlet Jungle
- Common Myna
- Red- Whiskered Bulbul
- Red Vented Bulbul
- Cattle Egret
- Little Egret
- Shikra
- Red Wattled Lapwing
- Yellow - footed Green Pigeon
- Brown Rockchat
- House Swift



- White- throated Kingfisher
- Asian Green Bee Eater
- EurasianHoopoe
- Indian Roller
- Yellow - crowned woodpecker
- Black - hooded Oriole
- Jungle Myna
- House Crow
- Jungle Babbler
- Asian Green Bee- eater
- Common Tailor Bird
- Indian Robin
- White Wagtail
- Purple Sun Bird
- Scaly breasted Munia
- Black Drongo
- Brown headed barbet
- Greater coucal
- Indian Pond Heron
- Oriental Magpie Robin
- Rufous Treepie
- Black Kite
- Common dotted garden skink
- Monitor lizard.









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