



कार्यालय निदेश, इटावा सफारी पार्क, इटावा

इटावा गवर्नलियर रोड, इटावा, उ०प्र०, 206001

ईमेल : dirlsetawah@gmail.com, safaripark-up@nic.in

Web-site : <http://etawahlionsafari.in>, फोन नं : +91-7088777879

पत्रांक 1202 / 7-4 (वार्षिक सूचना)

इटावा, दिनांक, अप्रैल 17 2020

सेवा में,

सदस्य सचिव,
केन्द्रीय चिड़ियाघर प्राधिकरण,
नई दिल्ली।

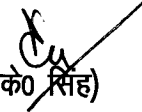
विषय : चिड़ियाघर प्राधिकरण को वित्तीय वर्ष 2018-19 की वार्षिक रिपोर्ट प्रेषित करने के सम्बन्ध में।

संदर्भ : आपका ई-मेल दिनांक 07-04-2020

महोदय,

उपरोक्त विषय में आप द्वारा मांगी गयी वांछित वार्षिक सूचना निर्धारित प्रपत्र में भरकर संलग्न कर आवश्यक कार्यवाही हेतु आपकी सेवा में प्रेषित है।

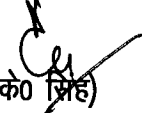
संलग्नक—उपरोक्तानुसार।

भवदीय

(वी०के० सिंह)
निदेशक
इटावा सफारी पार्क, इटावा

पत्रांक 1202/उक्तदिनांकित।

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

1—प्रधान मुख्य वन संरक्षक, वन्य जीव, उ०प्र० लखनऊ।


(वी०के० सिंह)
निदेशक
इटावा सफारी पार्क, इटावा

ETAWAH SAFARI PARK

ETAWAH

Annual Report for the year
2018-19



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1. Report of the Officer-in-charge

Etawah Safari Park, Etawah, located in distt. Etawah of Uttar Pradesh is spread over 350 hectare area of Fisher Forest block, of Social Forestry Division Etawah and is only safari of the state. Entire area is secured by a 7800 mtr long buffer boundry wall and is having variety of flora and fauna. The park caters about 100 spp of birds, about 17 spp of mammals and 08 spp of reptiles. Etawah Safari Park is categorized as Asiatic Lion Breeding Centre, Multiple Safari Park.

Asiatic Lion Breeding Centre is established in an area of 2 hectare and it's aim is ex-situ conservation of Asiatic lion population through planned breeding for display as well as exchange and rehabilitation. This breeding center started after procuring pure breed Asiatic lions from Sakkarbaug, Rajkot and Hyderabad Zoo. The Asiatic lions from wild and zoo bred origin are being used as founder population to ensure genetic diversity and heterozygosity. Presently there are 8 adult Asiatic lion (6 male : 2 female) and three male cubs born in LBC Etawah. For successful conservation breeding program, there is an immense need of some potential breeding stock. A demand for 02 male 03 female Asiatic lions is under consideration of Gujrat state government.

Multiple Safaris consists of five safaris i.e Lion Safari (50ha), Bear Safari (21ha), Deer Safari (31ha), Antelope Safari (30ha) and Leopard Safari (21ha).

- Lion Safari will be opened as per conditions laid down by CZA is fulfilled.
- Deer Safari and Antelope Safari, are complete in all respect and are ready to open for visitors. Free ranging Cheetal, Sambhar and Black Buck are roaming in respective safari and are happy, hale and hearty.
- Bear safari is complete in all respect, Three sloth beer are kept in quarantine to release. This safari is also ready to be open for visitors.
- Some part of Leopard safari was damaged due to cyclone in the month of May-2018. This safari will be open after completion of repairing work.
- A Visitor Facilitation Centre, equipped with modern facilities having Multimedia sound reinforcement system, Public Address System and sound effects has been created in 5.0 hectare area. This center is an example of world class sculpture theming by Mr. Frank Vidal, an architect of Spain and includes Digital Signage, large format displays, 4D education theatre for informing and guiding visitors, Wi-Fi network & CCTV surveillance for the area. Entire campus is lush green lawns with colorful flowers. Facilitation Center is almost complete and is ready to be opened for visitors.

Hope, this safari park will be showcase of nature for the visitors, nature lovers and wild lifers.

2. History of the Zoo

The Lion Breeding Center & Multiple Safari Park is located in the historical "**Fisher Forests**" located on the Etawah-Gwalior Road, about 5 kms from Etawah town. In 1884, the erstwhile District Magistrate of Etawah, Mr. J.F. Fisher was able to convince the *zamindars* of the area to voluntarily hand over the ravine area of 1146.07 ha to the District Magistrate so that it could be saved from further erosion and degradation. Accordingly, the area was ploughed and seeds of babool (*Acacia nilotica*), shisham (*Dalbergia sissoo*), and neem (*Azadirachta indica*) were sown and the area was closed for grazing.

The growth of babool was so encouraging that in 1912, Cooper Allen Company of Kanpur was attracted to take the entire land at a lease rent of Rs. 2.50 per hectare per year for a period of 50 years. This company commercially exploited and extended the Fisher Forests till the year 1914. Thereafter, the company handed over the lease to the Forest Department with a liability of Rs. 2,500 as the cost of the lease and Rs. 2,382 lease rent to be paid to the *zamindars* annually. In this way, these forests have been under the control of the Forest Department since 1914.

Two kinds of activities were undertaken by the Forest Department in the following years; firstly, construction of check dams to prevent soil erosion and secondly, plantation and seed sowing of appropriate species. In course of time, broad leaved forests were established in the area. However, due to high biotic pressure, the broad leaved species gradually deteriorated, and eventually the area ended up being severely eroded and degraded. In the year 1985 and subsequent few years, broadcast sowing of *Prosopis juliflora* was undertaken. As a result, the density of *P. juliflora* increased and the area was converted into a *P. juliflora* forest with sporadic occurrence of other species.

The Asiatic Lion (*Panthera leo persica*) which once roamed and reigned all over northern, western and central Indian forests (from Hindukush to Bay of Bengal and up to Narmada river). The historical records indicate that in northern India, the last area, held by the migrating lion was the forests in Yamuna river catchment until medieval times as the Mughal emperors shot lion in Shwalik foot hill forests (now Saharanpur forest division) and Aravali ridge forests around Delhi. While Siwalik foothills were occupied by Tigers because the habitat there remained conducive but down below as human population grew man-animal conflict increased and entire prides of lions were wiped out, coupled with depleting prey base and habitat loss, only a small population of Asiatic lion (411 individuals as per April 2010 census) remained in the wild in the Gir forests of Gujarat.

From conservation point of view, the establishment of Lion Safari will serve the dual purpose of making it a breeding centre for Asiatic lion as well as replicating a wild population of the by gone era in its former range of habitat, though in captivity yet nearly free.

In the meantime, in the year 1992, the Govt. of India constituted the Central Zoo Authority (CZA) to regulate construction, maintenance, and upkeep of animals etc. in zoos and safari parks for which it framed rules and guidelines. Therefore, in order to seek mandatory approval from CZA, a Concept Plan of Lion Safari Park justifying its necessity, underlying its regular proper maintenance was prepared and submitted to CZA. The CZA approved the plan as Lion Breeding Centre cum Safari Park. After obtaining CZA's approval in-principle.

3. Vision

- To establish an international standard *ex-situ* Lion Breeding Center to augment the captive Asiatic Lion population of the country.
- Support conservation awareness through establishment of Lion Safari along with other species like Leopard, Antelope, Deer and Sloth bear.

4. Mission

- (i) To create facilities for captive breeding of Asiatic Lion to supplement the captive lion population within the state as well as the country.
- (ii) To create awareness and sensitivity towards the cause of conservation of Asiatic Lion (*Panthera leo persica*) by displaying Lion and other species in a near natural habitat and furthering it through audio-visual and interactive media provided in an interpretation centre.
- (iii) To create a theme based eco-awareness facility for local people and visitors.

5. Objective

The Lion Breeding Centre and Multiple Safari Park would be able to achieve the following objectives:

- (a) To create facilities of international standards for ex-situ breeding of Asiatic Lion.
- (b) To create a facility for public display of the species in it's near natural habitat.
- (c) To create a facility for public display of the other species Leopard, Antelope, Deer and Sloth bear in it's near natural habitat.

- (d) To create an environment for safe upkeep and maintenance of the population thus created.
- (e) To create high standard eco-awareness facilities including an interpretation centre and ancillary facilities (library, wildlife movie theatre etc.) to promote conservation awareness of the species.

6. About us

S.No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	ETAWAH SAFARI PARK, ETAWAH
2	Year of Establishment	2012-13
3	Address of the Zoo	Etawah-Gwalior Road, Etawah
4	State	Uttar Pradesh
5	Telephone Number	7839435094
6	Fax Number	-
7	E-mail address	dirlsetawah@gmail.com safaripark-up@nic.in
8	Website	http://etawahlionsafari.in
9	Distance from nearest	Airport: Agra (150km)
		Railway Station: Etawah (05km)
		Bus Stand: Etawah (06km)
10	Recognition Valid upto (Date)	28-08-2022
11	Category of zoo	Mini Category Zoo
12	Area (in Hectares)	350ha

S.No.	Particulars	Information
13	Number of Visitors (Financial Year)	Adult : 0
		Children : 0
		Total Indian : 0
		Total Foreigners : 0
		Total Visitors: 0
14	Visitors' Facilities Available in Zoo	Clock Room, Parking, Wash-room, Rain-shelter, Drinking Water
15	Weekly Closure Day of the Zoo	Yet to be open for Visitors
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Sh. V.K. Singh, Director
	Name of the Veterinary Officer	Dr. Gaurav Srivastava
	Name of the Curator	Sh. Vinit Kumar Saxena
	Name of the Biologist	Sh. Raj Bahadur Uttam
	Name of the Education Officer	-
	Name of the Compounder/ Lab Assistant	Sh. Suyas Kumar Sh. Ankit Singh
Owner / Operator of the Zoo		
17	*Name of the Operator	Mrs. Kalpna Awasthi, I.A.S.
18	Address of the Operator	Principal Secretary Forest, Wildlife & Environment 6th Floor Bapu

S.No.	Particulars	Information
		Bahwan, 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.*

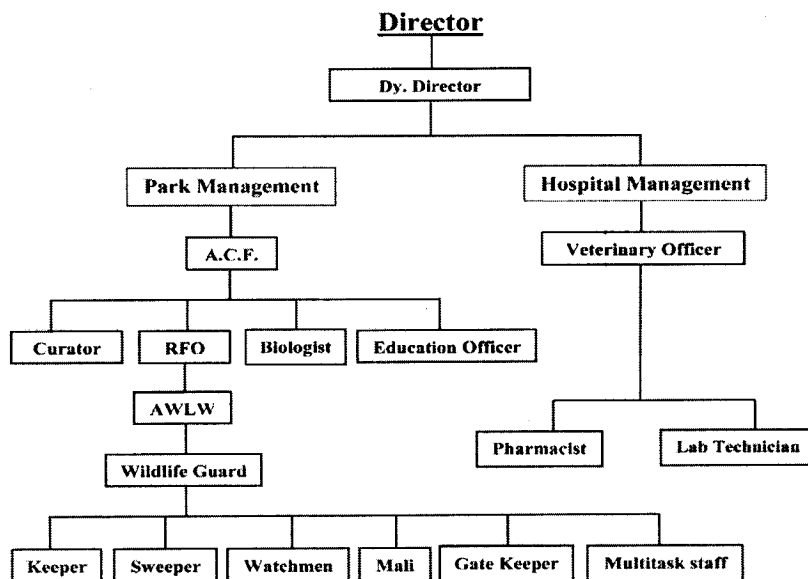
"Zoo Operator" means the person who has ultimate control over the affairs of the zoos provided that_____

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.

7. Organizational Chart



8. Human Resources

Manpower of the Zoo*

Sl.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1	CF/Director, Lion Safari	01	Sh. V.K. Singh
2	DCF/Dy. Director, Lion Safari	01	Sh. Akhilesh Kumar Jaiswal
3	ACF	01	-
4	Vet. Doctor	01	Dr. Gaurav Srivastava
5	Curator	01	Sh. Vinit Kumar Saxena
6	Biologist	01	Sh. Raj Bahadur Uttam (O.S.)
7	Education Officer	01	-
8	AWLW	02	1- Sh. Jawahar Lal 2- Sh. Om Prakash
9	Field Supervisor (AWLW)	02	Sh. M.P. Gupta (O.S.)
10	Lab Asst. /Xray technician	01	Sh. Ankit Singh (O.S.)
11	Compounder/Store Incharge	01	Sh. Suyas Kumar (O.S.)
12	Jr. Asst. (for booking)	02	
13	Jr. Asst. (for office work)	01	1-Sh. K.K. Dwivedi (O.S.) 2-Sh. Ashwani Yadav (O.S.) 3-Sh. Prashant Kumar (O.S.)
14	Wildlife Guard	03	1- Sh. Shashikant Chauhan 2- Sharad Yadav 3- Chandra Shekhar
15	Asst. Field Supervisor (Wildlife Guard)	03	-
16	Range Officer	01	Sh. Vinit Kumar Saxena
17	Steno	01	Sh. Shashank Patel (O.S.)
18	Zoo Keeper	19	1- Sh. Satyendra Yadav 2- Arif Ali 3- Asif Ali 4- Amit Kumar 5- Manjul Kumar 6- Mo. Imran 7- Kamlesh Kumar 8- Vipin Babu 9- Jagdish Singh 10- Mohar Singh
19	Tube well Operator	01	Sh. Surendra Kumar
20	Electrician	02	1- Sh. Mananjay Yadav 2- Sh. Ravi Sharma (O.S.)
21	Plumber	01	Sh. Sunil Kumar (O.S.)
22	Sweeper	17	1- Mahesh Kumar 2- Suraj Kumar 3- Raj 4- Amit Kumar

			5- Hari Kishan 6- Ajay Kumar 7- Sanjay Singh 8- Ramveer 9- Sanjay Bhandari 10- Bhupendra Kumar 11- Yatendra (O.S.) 12- Radha Kishan (O.S.) 13- Rakesh Kumar (O.S.) 14- Dharam Singh (O.S.) 15- Shanti Swroop (O.S.) 16- Man Singh (O.S.) 17- Kamal (O.S.)
23	Driver	04	1- Brijesh Kumar (O.S.) 2- Raju Shakarwar (O.S.) 3- Hari Shankar (O.S.) 4- Awadesh Kumar (O.S.)
24	Watchman	11	1- Manoj Singh 2- Manoj Kumar 3- Satish Kumar 4- Sanjay Kumar 5- Lakhmi Chandra 6- Bhanu Pratap 7- Anand Kumar 8- Rakesh Kumar 9- Kuldeep Kumar 10- Rishi Yadav 11- Omkar
25	Gate Keeper	05	1- Manish Kumar Yadav 2- Ramavtar Singh 3- Krishan Kumar 4- Kamlesh Kumar 5- Jugendra Singh
26	Mali	06	1- Ashok Shakya 2- Prdeep Kumar 3- Sohan Singh 4- Sharad Kumar 5- Baljeet 6- Jitendra Kumar
	TOTAL	90	

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

O.S. - Out Sourcing Staff

9. 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	1-Arif Ali (Keeper) 2-Asif Ali (Keeper) 3-Vipin Babu (Keeper) 4-Kamlesh kumar (Keeper) 5-Mohar Singh (Keeper) 6-Jagdish Singh (Keeper)	Northern Region Zoo Keeper Training Program	26 th Nov to 1 st Dec 2018	Etawah Safari Park, Etawah
2	1-Arif Ali (Keeper) 2-Kamlesh Kumar (Keeper) 3-Mohar Singh (Keeper) 4-Jagdish Singh (Keeper)	Bear Care Conference	3 rd to 6 th Dec 2018	Bear Rescue Center Agra (Wildlife SOS)
3	1-Hari Om (OS) 2-Sohan Singh (Mali) 3-Praveen Kumar (OS) 4-M.P. Gupta (OS) 5-Mananjay Yadav (Electrician) 6-Anand Kumar Yadav (Watchman)	Training Workshop on Bird Conservation & Research Techniques	08 th to 10 th Feb 2019	Etawah Safari Park, Etawah By TSA
4	1-Om Prakash (Fr) 2-Shashikant Chauhan (FG) 3-Sharad Yadav (FG) 4-Mohar Singh (Keeper) 5-Kamlesh Kumar (Keeper) 6-Satyendra Kumar (Keeper) 7-Mohd. Imran (Keeper) 8-Manjul Kumar (Keeper) 9-Amit Kumar (Keeper) 10-Asif Ali (Keeper) 11-Ajay Singh (Sweeper) 12-Ashok Kumar Sharma (Forester)	Enrichment Practices in Zoo	22 th to 23 rd Feb 2019	Etawah Safari Park, Etawah
5	Dr Gaurav Srivastava (VO)	Wildlife health management and conservation	12 th Nov to 26 th Nov 2019	IVRI Bareilly

10. Zoo Advisory Committee –

a. Date of constitution

b. Members

c. Dates on which Meetings held during the year

11. Health Advisory Committee–

a. Date of constitution

b. Members

Sl.		
1	Principal Chief Conservator of Forest & HoFF, U.P., Lucknow	President
2	Principal Chief Conservator of Forest, Wildlife, U.P. Lucknow	Vice President
3	Representative nominated by Member Sec., CZA, New Delhi	Member
4	Member Sec., State Zoo Authority, U.P., Lucknow	Member
5	Director, Nawab Wazid Ali Shah Prani Udhyan, Lucknow	Member Sec.
6	Director, Animal Husbandry Deptt. U.P. Lucknow	Member
7	Director, Kanpur Zoo Kanpur	Member
8	Incharge IVRI Bareilly	Member
9	Veterinary Officer (Dy. Director), Nawab Wazid Ali Shah Prani Udhyan, Lucknow	Member
10	Veterinary Officer, Kanpur Zoo Kanpur	Member
11	Dr. R.P. Pandey, Director, Clinic Veterinary College, DUVASU, Mathura	Member
12	Director, Etawah Safari Park, Etawah	Member

c. Dates on which Meetings held during the year – 25th Sep., 2018

12. Statement of income and expenditure of the Zoo

Income from Carpus Fund Intrest and others-

Rs. 62606825

Expenditure Details -

Expenditure Item's	Amount (Rs.)
➤ Carnivores and Herbivorous feed	4435478
➤ Purchase of medicine and equipment	1988161
➤ Training, educational tours and wildlife week celebration	943433

➤ Enrichment of Animal's enclosures	324072
➤ Meetings	189936
➤ Printing and signages	441612
➤ Maintenance of vehicles and purchase of deisal/petrol	3033885
➤ Payment of honorarium of out-sourcing staff	8204467
➤ Habitat improvement	1502794
➤ Payment of electricity bills	7273569
➤ Installation & maintenance of CCTV cameras	390342
➤ Office furniture	494545
➤ Hedge on road side	117660
➤ Plantation work	2299561
➤ Publication material	485677
➤ Maintenance of Breeding Centre & Hospital	419365
➤ other miscellaneous works	208798

13. Daily feed Schedule of animals

Sl. No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Asiatic lion	Beef	M:8kg, F:7kg	M:7kg, F:6kg	Friday
2	Leopard	Beef	M:3.5kg, F:2.5kg	M:3kg, F:2kg	Friday
3	Sloth Bear	Multigrain porridge & seasonal fruit	M:5kg, F:4kg	M:5kg, F:4kg	-
4	Spotted Deer	Green fodder & concentrate mixture.	Green fodder :3kg concentrate mixture : 250g.	Green fodder :3kg concentrate mixture : 250g.	-
5	Sambhar	Green fodder & concentrate mixture.	Green fodder :8kg concentrate mixture : 500g.	Green fodder :8kg concentrate mixture : 500g.	-
6	Black Buck	Green fodder & concentrate mixture.	Green fodder :3kg concentrate mixture : 250g.	Green fodder :3kg concentrate mixture : 250g.	-

14. Vaccination Schedule of animals

Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	Wild felids	Panleucopenia, Calcivirus, Rabies, Herpes Virus.	BIOFEL PCRH / 1ml s/c	Annual	-
2		Canine Distemper	Recombinant CDV Vaccine	Primary dose & 21 days apart two boosters then half yearly	-

15. De-worming Schedule of animals

Sl.No.	Species	Drug used	Month
1	Wild felids	Fenbendazole/ combination of Fenbendazole, Praziquante and Niclosamide	At interval of three months

16. Disinfection Schedule

Sl. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1.	Asiatic Lions & Leopard	Kraal/Paddock	Khorsolin-TH/ Virkon-S spray	Apart 10 days alternatively
		Feeding cells/ keepers gallery	Khorsolin-TH/ Virkon-S spray/ Blow torching	At weekly interval
2	Bears	Feeding cells/ keepers gallery	Khorsolin-TH/ Virkon-S spray	At weekly interval
3	Herbivores	Feeding shed/water shed	Khorsolin-TH/ Virkon-S spray	At weekly interval

17. Health Check-up of employees for zoonotic diseases

Sl.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
Already done in 2017				

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

- **Strengthening of veterinary hospital** – Extension of Hospital for Lion Treatment Ward & Bear and Leopard Treatment Ward.
- **Habitat Improvement** - Eradicate of Prosopis juliflora & other unwanted weeds, Plantation work, development of grass land for herbivorous & cultural operations of indigenous flora of Park.
- **Enrichment Activities for Wild Animals** - To set-up changeable & permanent wooden structures for Herbivorous & Carnivorous. Along with construction of socialization pan for leopard's.
- Development of Visitor Facilitation Centre.

19. Education and Awareness programmes during the year -

- Celebration of Wildlife Week 1st Oct. 2018 to 7th Oct. 2018
 - **Events (Wildlife Themed)** :- Cycle Rally by school children with competitive Slogans, Eassy Writting, Painting, Nritya Natika, Poster Competition, Mehendi Competition, Listing of Birds, Extempore, Photography, Nature quiz
- Educational Programme for Other Institutions
 - On dt 22.06.2018, Forest Training Instruction, Kanpur, UP - Educational Tour for Forester - 22 member
 - On dt 27.10.2018, Forest Training Instruction, Kanpur, UP - Educational Tour for Forester - 25 member
 - On dt 02.12.2018, Forest Training Instruction, Kanpur, UP - Educational Tour for RFO & Dy. RFO - 25 member
- Educational National Tour Program for Etawah Safari Park, Etawah Staff

Date	Places	Member
14 th Feb to 20 th Feb 2019	Visit to Kakandiya Zoo, Sasan Gir, Daveliya Safari, Dhari Safari, Sakkar Bagh Zoological Park Gujrat	09

20. Important Events and happenings

- Celebration of Wildlife Week 1st Oct. 2018 to 7th Oct. 2018 on Dristic Level.

21. Seasonal special arrangements for upkeep of animals

- Installation of Coolers in summer season at Breeding Centre for Lions.
- Installation of Foggers in summer season in Krall at Breeding Centre.
- Installation of "Khas Curtains" at Breeding Centre during summer for lions.
- Installation of "Room Heaters" in winter season at Breeding Centre for lions.
- Covering of Krall roof by "Thatched Grass" at Bear's Animal house.
- Covering of Feeding Point & Water Point roofs with "Thatched Grass" for Herbivorous in summer season.
- Constriction of "Thatched huts" in winter season for Herbivorous.

22. Research Work carried out and publications

Nil

23. Conservation Breeding Programme of the Zoo

- Conservation Breeding Program of Asiatic lion is on progress at lion breeding centre of Etawah Safari Park, Etawah. Presently 06 Male & 02 Female lions are present as founder population animals.

24. Animal acquisition / transfer / exchange during the year

A. Animals arriving in the Zoo					
H.NO.	Species	Number (M:F)	From which Zoo	Date of arrival in the zoo	
1	Leopard	2:1	Lucknow Zoo (Rescued)	25-04-2018	
2	Black Buck	4:6	Kanpur Zoo	31-05-2018	
B. Animals going from the zoo					
H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo	
-	-	-	-	-	

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

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	26-08-2018	Leopard-01 (M)	Katriniya Ghat Wildlife Century	18-09-2018	-	conflict animal

26. Annual Inventory of animals

Form – II
[See Rule 11(1)]

Part – A

Inventory Report for the Year : 2018-19

Endangered Species*

S. No	Animal Name	Scientific name	Opening Stock as on				Births			Acquisition			Disposal			Death			Closing Stock as on					
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T		
1	Bear Sloth	Melursus ursinus	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	3
2	Black Buch	Antilope Cervicapra	3	13	0	16	4	0	7	4	6	0	0	0	0	0	0	0	0	0	11	19	7	37
3	Lion	Panthera leo persica	6	2	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	2	0	8
4	Leopard	Pathera pardus	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	3	1	0	4

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

Part – B

Other than Endangered Species

S. No.	Animal Name	Scientific name	Opening Stock as on				Births			Acquisition			Disposal			Death			Closing Stock as on					
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T		
4	Deer Sambar	Rusa unicolor	4	3	0	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	0	8
5	Deer Spotted	Axis axis	14	11	0	25	0	0	4	0	0	0	0	0	0	0	0	0	0	0	14	11	4	29

27. 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	Deer Spotted	Axis axis	M	09-05-18	Respiratory failure

28. Compliance with conditions stipulated by the Central Zoo Authority

No quarries are stipulated by the Central Zoo Authority in yr 2018-19

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

a. Mammals

Common Name

Pangolin

Golden jackal

Common palm civet

Indian small mongoose

Scientific Name

Manis crassicaudata

Conis aureus

Paradoxurus hermaphrodites

Herpestes auropunctatus

Indian great mongoose
 Jungle Cat
 Wild Boar
 Sambar
 Nilgai
 Nothern palm squirrel
 Porcupine
 Indian hare
 Hedgehog
 Chuha
 Mus
 Chhachhunder
 Chamgadar

Herpestes edwardsii
 felis chaus
 Sus scrofa
 Cervus unicolor
 Boselaphus tragocamelus
 Funambulus pennantii
 Hystrix indica
 Lepus nigricollis
 Hemiechinus micropus
 Rats rats
 Mus susculus
 Sancus murinus
 Scotophilus hethae

b. Birds

Common Name	Scientific Name
Black francolin (Black Partridge)	Francolinus francolinus
Grey francolin (Grey Partridge)	Francolinus pondicerianus
Common Quail	Coturnix coturnix
Rain Quail	Coturnix coromandelica
Indian Peafowl	Pavo cristatus
Brown Headed Barbet	Megalaima zeylanica
Coppersmith Barbet	Megalaima haemacephala
Indian Grey hornbill	Coccyzus birostris
Common Hoopoe (Hoopoe)	Upupa epops
Indian Roller	Coracias bengalensis
Green bee eater	Merops orientalis
Blue tailed bee eater	Merops philippinus
Sirkeer malkoha	Phaenicophaeus
Greater coucal (crow-pheasant)	leschenaultia
Lesser coucal (small coucal)	Centropus sinensis
Rose Ringed Parakeet	Centropus benghalensis
Rosy starling (Rosy Pastor)	Psittacula krameri
Pied myna	Sturnus roseus
Common myna	Sturnus Contra
Jungle myna	Acridotheres tristis
Sand Martin	Acridotheres fuscus
Streak throated swallow	Riparia riparia
Wire-tailed swallow	Hirundo fluvicola
Red whisked Bulbul	Hirundo daurica
White eared Bulbul	Pycnontus jocosus
Zitting Cisticola	Pycnontus leucotis
Rufous fronted prinia	Cisticola juncidis
Jungle prinia	Pinia buchamani
Oriental white-eye	Prinia sylvatica
Common tailer Bird	Zosterops palpebrosus
Hume's warbler	Orthotomus sutorius
Greenish warbler	Phylloscopus humei
Tickells leaf warbler	Phylloscopus trochiloides
Puff throated Babbler	Phylloscopus affinis

Common Babbler	<i>Pellorneum ruficeps</i>
Large grey Babbler	<i>Turdoides caudatus</i>
Jungle Bubbler	<i>Turdoides malcolmi</i>
Yellow eyed Babbler	<i>Turdoides striatus</i>
Rufous-winged Bushlark	<i>Chrysomma sinense</i>
Ashy-crowned sparrow Lark	<i>Mirafraga affinis</i>
Rufous-tailed lark	<i>Eremopterix grisea</i>
Crested Lark	<i>Ammomanes phoenicurus</i>
Indian Bush lark	<i>Galerida cristata</i>
Oriented sky lark	<i>Mirafraga erythroptera</i>
Thick-billed flower pecker	<i>Alauda gulgula</i>
Purple sunbird	<i>Dicaeum agile</i>
House sparrow	<i>Nectarinia asiatica</i>
White wagtail	<i>Passer domesticus</i>
White browed wagtail	<i>Motacilla alba persiana</i>
Citrine wagtail	<i>Motacilla maderaspatensis</i>
Yellow wagtail	<i>Motacilla citriola</i>
Grey wagtail	<i>Motacilla flava</i>
Paddy field pipit (Indian pipit)	<i>Motacilla cinerea</i>
Tree pipit	<i>Anthus rufulus</i>
Black breasted weaver	<i>Anthus trivialis</i>
Streaked weaver	<i>Ploceus benghalensis</i>
Baya weaver (Baya)	<i>Ploceus manyar</i>
Asian Koel	<i>Ploceus philippinus</i>
Common Kingfisher	<i>Eudynamis scolopacea</i>
White throated Kingfisher	<i>Alcedo atthis</i>
House Swift (Little Swift)	<i>Halcyon smyrnensis</i>
Spotted owlet	<i>Apus affinis</i>
Eurasian Eagle owl	<i>Athene brama</i>
Laughing Dove	<i>Bubo bubo</i>
Spotted Dove	<i>Streptopelia senegalensis</i>
Red collared Dove	<i>Streptopelia chinensis</i>
Brown Rock chat	<i>Streptopelia tranquebarica</i>
Red wattled Lapwing	<i>Cercomela fusca</i>
Grey Bush Chat	<i>Vanellus indicus</i>
Black kite/ Pariah Kite	<i>Sexicola ferrea</i>
Egyptian vulture	<i>Milvus migrans</i>
Oriental Honey buzzard	<i>Neophron percnopterus</i>
Black shouldered kite	<i>Pernis ptilorhynchus</i>
Shikra	<i>Elanus caeruleus</i>
Pallid harrier	<i>Accipiter badius</i>
Cattle egret	<i>Circus macrourus</i>
Rufous Tailed Shrike	<i>Babulcus ibis</i>
Grey shrike	<i>Lanius isabellinus</i>
Rufous Tree pie	<i>Lanius meridionalis</i>
House crow	<i>Dendrocitta vagabunda</i>
Jungle crow (black crow)	<i>Corvus splendens</i>
Golden oriole	<i>Corvus macrohynchos</i>
Large cuckoos shrike	<i>Oriolus oriolus</i>
Small minivet	<i>Coracina macei</i>

Scarlet minivet	Pericrocotus cinnamomeus
White-browed fantail	Pericrocotus flammeus
Black Drongo	Rhipidura aureola
Yellow bellied fantail	Dicrusus macrocerus
Common iora	Rhipidura aureola
Dark throated thrush	Aegithina tiphia
Orange-headed Thrush	Turdus ruficollis
Grey headed canary flycatcher	Zoothera citrina
Red throated fly catcher	Culicicapa ceylonensis
Blue Throat	Picedula parva
Oriental magpie Robin	Luscinia svecica
Indian Robin	Copsychus saularis
Black redstart	Saxicoloides fulicata
Common stone chat	Phoenicurees ochruros
Pied Bush Chat	Saxicola tarquata
Brahmni starling	Saxicola caprata
Rock pigeon	Sturnus pagodarum

c. **Reptiles**

Common Name

Goh (Monitor Lizard)
 Python
 Indian cobra
 Common Kraits
 Rat snake
 Common Wolf snake
 Common Sand Boa
 Red Sand Boa

Scientific Name

Varanus indicus
 Paython molurus
 Naja naja
 Bungarus sindonus
 Ptyas mucosus
 Lycodon aulicus
 Gongylophis conicus
 Eryx johnii