

ETAWAH SAFARI PARK

ETAWAH

Annual Report
(Year 2023-2024)



CONTENTS

S.No	Section	Page Number
1.	Report of the Officer-in-charge	1
2.	History of the Zoo	2-3
3.	Vision	3
4.	Mission	3
5.	Objective	3-4
6.	About us	4-6
7.	Organizational Chart	7
8.	Human Resources	7-9
9.	Capacity Building of the zoo personnel	9-10
10.	Zoo Advisory Committee	10
11.	Health Advisory Committee	10
12.	Statement of income and expenditure of the Zoo	11
13.	Daily feed Schedule of animals	12
14.	Vaccination Schedule of animals	12
15.	De-worming Schedule of animals	13

S.No	Section	Page Number
16.	Disinfection Schedule	13
17.	Health Check-up of employees for zoonotic diseases	13-14
18.	Development Works carried out in the zoo during the year	15
19.	Education and Awareness programmes during the year	15
20.	Important Events and happenings in the zoo	15
21.	Seasonal special arrangements for upkeep of animals	15
22.	Research Work carried out and publications	16
23.	Conservation Breeding Programme of the Zoo	16
24.	Animal acquisition / transfer / exchange during the year	16
25.	Rescue and Rehabilitation of the wild animals carried out by the zoo	16
26.	Annual Inventory of animals	17
27.	Mortality of animals.	17-18
28.	Status of the Compliance with conditions stipulated by the Central Zoo Authority	18
29.	List of free living wild animals within the zoo premises	18-29

1. Report of the Officer-in-charge

Etawah Safari Park, Etawah, located in Distt. Etawah of Uttar Pradesh spreads over 350 hectares area of Fisher Forest block, of Social Forestry Division, Etawah and is only safari present in State of Uttar Pradesh. Entire area is secured by 7800 mtrs long buffer boundary wall and is having variety of flora and fauna. The park caters about 225 species of birds, 17 species of mammals and 10 species of reptiles. Etawah Safari Park is categorized as Asiatic Lion Breeding Centre and Multiple Safari Park.

Asiatic Lion Breeding Centre is established in an area of 2 hectares for the ex-situ conservation of Asiatic lion's population through planned breeding, 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 14 adult Asiatic lion (6:8) and one cubs (1:0). For successful conservation breeding program, there is an immense need of some potential breeding stock. A demand for 02 males & 03 female Asiatic lions is under consideration before Gujarat state government.

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

- Lion Safari is functioning as per guidelines laid down by CZA.
- Deer Safari, Antelope Safari and Bear Safari are complete in all respects and open for visitors wherein free ranging Cheetal, Sambhar, Black Buck and Sloth Bear present in their respective safaris.
- Some part of Leopard safari was damaged due to cyclone in the month of May-2018. This safari will be open very soon for public after completion of required structural repairs.
- An Eco Tourism Centre is 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 theme by Mr. Frank Vidal, a world renowned architect from Spain and includes Digital Signage, large format displays, and 4D education theatre for visitors, Wi-Fi network & CCTV surveillance for the area. Entire campus of the safari park is full of lush greenery an abode for floral and faunal diversity. Facilitation Center is open for visitors.

Etawah safari park is a showcase of its state of art facilities with nature's beauty for the visitors, nature lovers and wildlifes.

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, Allen Cooper 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 Shivalik foot hill forests (now Saharanpur forest division) and Aravali ridge forests around Delhi. As per imperial gazetteer of India (united Provinces of Agra and Awadh vol 1-1908) the last specimen of lion was killed at sheorajpur in Allahabad now Prayagraj district in 1864. While Shivalik 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 remained in the wild, at Gir Forests of Gujrat in Kathiawar area.

In the year 1992, the Govt. of India constituted the Central Zoo Authority (CZA) to regulate construction, maintenance, and up-keeping 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 Lion Safari Park. After obtaining CZA's approval in-principle this centre has been established.

From conservation point of view, the establishment of Lion Breeding Centre & Multiple Safari is serving 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 but nearly free.

3. Vision

- To establish an international standard *ex-situ* Lion Breeding Centre 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 its near natural habitat.
- (c) To create a facility for public display of the other species Leopard, Antelope, Deer and Sloth bear in its near natural habitat.
- (d) To create an environment for safe upkeep and maintenance of the wild animal 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	LION BREEDING CENTRE AND MULTIPLE 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
8	Website	http://etawahlionsafari.org
9	Distance from nearest	Airport: Agra (150km)
		Railway Station: Etawah (05km)
		Bus Stand: Etawah (06km)
10	Recognition Valid upto (Date)	02-06-2026
11	Category of zoo	Mini Category Zoo
12	Area (in Hectares)	350ha

S.No.	Particulars	Information
13	Number of Visitors (2023-24)	Adult : 85291
		Children : 8489 (0-6yr)
		Children : 16217 (6-12yr)
		Total Indian : 109997
		Total Foreigners : 26
		Total Visitors: 110023
14	Visitors' Facilities Available in Zoo	Clock Room, Parking, Wash-room, Rain-shelter, Drinking Water, Cafeteria, Souvenir Shop, 04 safari Buses, 02 Tata xenon for visitors
15	Weekly Closure Day of the Zoo	Monday
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Dr. Anil Kumar Patel, Director
	Name of the Veterinary Officer	Dr. Robin Singh Yadav Dr. Shailendra Singh
	Name of the Curator	Sh. Rupesh Srivastava
	Name of the Biologist	Sh. B. N. Singh
	Name of the Education Officer	Sh. Kartik Dwivedi

S.No.	Particulars	Information
	Name of the Compounder/ Lab Assistant	Sh. Suyas Kumar -
Owner / Operator of the Zoo		
17	*Name of the Operator	Mr Manoj Singh, I.A.S.
18	Address of the Operator	ACS, Environment, Forest & Climate Change Department 6th Floor Bapu 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.

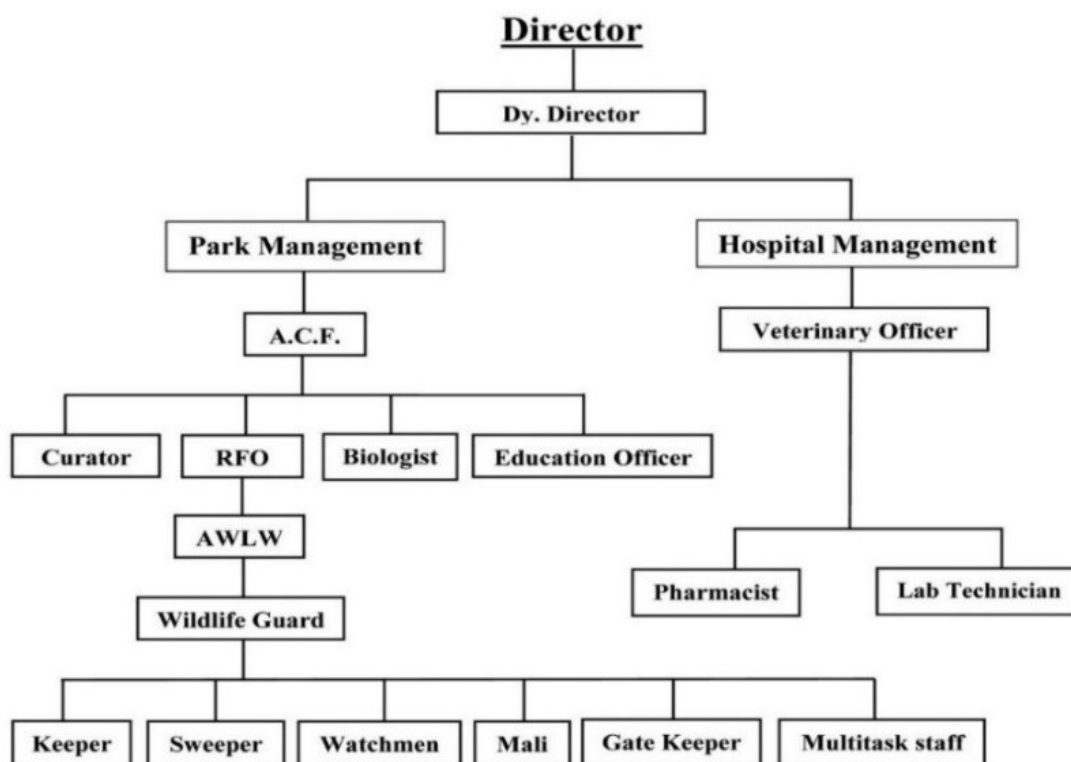
“Zoo Operator” means the person who has ultimate control over the affairs of the zoos provided that _____

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	Mrs. Aditi Sharma (01-04-23 to 04-07-23) Mrs. Diksha Bhandari (04-07-23 to 14-11-23) Mr. Atul Kant Shukla (14-11-23 to 16-12-23) Dr. Anil Kumar Patel (16-12-23 to 31-03-24)
2	DCF/Dy. Director	01	Mr. J.P. Singh (01-04-23 to 03-12-23) Dr. Vinay Kumar Singh (03-12-23 to 31-03-24)
3	ACF	01	-
4	Vet. Doctor	01	Dr. Robin Singh Yadav (O.S.)
5	Curator	01	Sh. Ashok Kumar Nimesh (01-04-23 to 14-06-23) Sh. Rupesh Srivastava (14-06-23 to 31-03-24)
6	Biologist	01	Sh. B.N. Singh (O.S.)

7	Education Officer	01	Sh. Kartik Dwivedi (O.S.)
8	AWLW	02	1- Sh. Jawahar Lal (31-10-23) 2- Sh. Om Prakash
9	Field Supervisor (AWLW)	02	Sh. SriPrakash Shukla (O.S.)
10	Lab Asst. /Xray technician	01	-
11	Compounder/Store Incharge	01	Sh. Suyas Kumar (O.S.)
12	Jr. Asst. (for booking)	02	1-Sh. Ashwani Yadav (O.S.) 2-Sh. Prashant Kumar (O.S.)
13	Jr. Asst. (for office work)	01	Sh. Shashank Patel (O.S.)
14	Wildlife Guard	03	1- Sh. Shashikant Chauhan 2- Sharad Yadav 3- Chandra Shekhar
15	Asst. Field Supervisor (Wildlife Guard)	03	1- Sh. Satyendra Yadav
16	Range Officer	01	Sh. Ashok Kumar Nimesh (01-04-23 to 14-06-23) Sh. Rupesh Srivastava (14-06-23 to 31-03-24)
17	Steno	01	Sh. Shashank Patel (O.S.)
18	Zoo Keeper	19	1- Arif Ali 2- Asif Ali 3- Amit Kumar 4- Manjul Kumar 5- Mo. Imran 6- Vipin Babu 7- Jagdish Singh 8- Mohar Singh 9- Sanjay Bhandari 10- Ramveer 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- Bhupendra Kumar 9- Yatendra (O.S.) 10- Radha Kishan (O.S.) 11- Rakesh Kumar (O.S.) 12- Dharam Singh (O.S.) 13- Shanti Swroop (O.S.)

			14- Man Singh (O.S.) 15- 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- Suresh Chandra 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	Sh. B. N. Singh	National Biologist Workshop	05 to 07 Aug. 2023	Sanjay Gandhi Biological Park, Patna

2	Sh. Kartik Dwivedi	Capacity Building Workshop for Zoo Educators	06 to 08 Nov. 2023	Nawab Wajid Ali Shah Zoological garden, Lucknow
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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 – 17-03-2004

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
13	Director, Shaheed Ashfaqullah Khan Zoological Park, Gorakhpur	Member
14	Veterinary Officer, Shaheed Ashfaqullah Khan Zoological Park, Gorakhpur	Member
15	Veterinary Officer, Etawah Safari Park, Etawah	Member

c. Dates on which Meetings held during the year – 11th September 2023

12. Statement of income and expenditure of the Zoo
Income from Carpus Fund Interest and others-
Expenditure Details –

Rs. 5,72,83,600

Expenditure Item's	Amount (Rs.)
Expenditure on purchase of Carnivores & Herbivores Feed	15087000
Purchase of Medicine & equipment	2800000
Development & maintenance of Hedge along safari roads	213800
Development & maintenance of lawn's	194400
Maintenance of Safari vehicles & other expenditure	6840500
Installation of Signage's	161000
Training & Tour's	345000
Expenditure on Safety measures for wild animals in adverse climatic conditions	149000
Expenditure on Enrichment	700000
Expenditure for holding various Meetings	178000
Office & other expenditure	742500
Payment of Electricity Bill	1699000
Payment of Outsourcing staff salary	13937400
Expenditure on providing staff uniform etc	259700
Expenditure on Plantation and other associate works	200000
Maintenance of potable water supply facilities	919700
Maintenance of CCTV Camera	670000
Maintenance of Aromatic Plants around watch towers	50000
Expenditure on holding special programs	702600
Expenditure on habitat improvement	500000
Development & Maintenance of Grassland in Deer & Antelope Safari	353000
Emergency expenditure by Director	348000
Maintenance of Residential & Non-residential buildings in Safari	4767000
Expenditure on Eco-tourism management	466000
Construction of Partituction Shell in Lion Animal House No-1	5000000

13. Daily feed Schedule of animals

Sl. No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Asiatic lion	Buffalo Meat, Mutton, Chicken	M:8kg, F:7kg	M:7kg, F:6kg	Friday
2	Leopard	Buffalo Meat, Mutton, Chicken	M:3.5kg, F:2.5kg	M:3kg, F:2kg	Friday
3	Sloth Bear	Multigrain porridge & seasonal fruits	M:5kg, F:4kg	M:5kg, F:4kg	-
4	Spotted Deer	Green fodder/ Vegetables & concentrate mixture.	Green fodder/ Vegetables :3kg concentrate mixture : 250g.	Green fodder/ Vegetables :3kg concentrate mixture : 250g.	-
5	Sambar	Green fodder/ Vegetables & concentrate mixture.	Green fodder/ Vegetables :8kg concentrate mixture : 500g.	Green fodder/ Vegetables :8kg concentrate mixture : 500g.	-
6	Black Buck	Green fodder/ Vegetables & concentrate mixture.	Green fodder/ Vegetables :3kg concentrate mixture : 250g.	Green fodder/ Vegetables :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, Praziquente 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	At every 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
1	Ramveer Singh	Keepar	04-09-2023	No zoonotic diseases found in any employees
2	Vipin	Keepar	04-09-2023	
3	Jawahar Lal	Forester	04-09-2023	
4	Jagdish	Keepar	04-09-2023	
5	Chandra Shekhar	Forest Guard	04-09-2023	
6	Shailendra	Driver	04-09-2023	
7	Rajesh Kumar	Breeder cum Sweeper	04-09-2023	

8	Shashikant Chauhan	Forest Guard	04-09-2023
9	Sharad Yadav	Forest Guard	04-09-2023
10	Hanumant	Breeder cum Sweeper	19-09-2023
11	Hari Kishan	Sweeper	19-09-2023
12	Dharmendra Kumar	Daily Wages	29-09-2023
13	Shiv Kumar	Daily Wages	29-09-2023
14	Hariom	Breeder cum Sweeper	29-09-2023
15	Satyendra Kumar	Forest Gurad	29-09-2023
16	Sunil Kumar	Breeder cum Sweeper	29-09-2023
17	Om Prakash	Forester	29-09-2023
18	Vinod	Breeder cum Sweeper	04-10-2023
19	Kamal Singh	Breeder cum Sweeper	04-10-2023
20	Radha Kishan	Breeder cum Sweeper	04-10-2023
21	Mohd Imran	Watchman	04-10-2023
22	Jugendra	Gate Keepar	04-10-2023
23	Raj	Sweeper	05-10-2023
24	Man Singh	Breeder cum Sweeper	05-10-2023
25	Mohar Singh	Keepar	05-10-2023
26	Ramavtar Singh	Gate Keepar	05-10-2023
27	Omkar	Watchman	05-10-2023

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

- **Habitat Improvement** – Eradication of *Prosopis juliflora* & other unwanted weeds, Plantation work, development and maintenance of grasslands for herbivorous & silvicultural 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 leopards.
- Development of Visitor's Eco tourism facilities.

19. Education and Awareness programmes during the year -

- Celebration of World Lion Day (10th August 2023).
- Celebration of Wildlife Week 1st Oct. to 7th Oct. 2023
- World Wetland Day (02nd Feb 2024)
- Other forestry & Wildlife Related day's celebration
- **Educational Program for Other Institutions**
 - On dt 25-11-2023 FTI, Kanpur - Educational Tour for FGD
 - On dt 08-12-2022 FTI, Haldwani, Uttarakhand - Educational Tour for FGD
 - On dt 10-12-2023 FTI, Haldwani, Uttarakhand - Educational Tour for FGD
 - On dt 12-12-2023 FTI, Haldwani, Uttarakhand - Educational Tour for FGD
 - On dt 07-01-2024 FTI, Kanpur - Educational Tour for Range Forest Officer
 - On dt 24-01-2024 FTI, Agra - Educational Tour for FGD
 - On dt 02-02-2024 Harayana Forest Academy - Educational Tour for FR
 - On dt 24-02-2024 FTI, Agra - Educational Tour for FGD
 - On dt 28-02-2024 FTI, Kanpur - Educational Tour for FGD
 - On dt 01-03-2024 FTI, Kanpur - Educational Tour for Range Forest Officer
 - On dt 13-03-2024 FTI, Kanpur - Educational Tour for ACF, Range Forest Officer

20. Important Events and happenings

- Mission Life Events.

21. Seasonal special arrangements for upkeep of animals

- Installation of Coolers in summer season at Breeding Centre & Houses of Lions, Leopards & Sloth Bears.
- Installation of Foggers in summer season in Kraals at Breeding Centre.
- Installation of "Khas Curtains" at Breeding Centre and Animal Houses for animals.
- Installation of "Room Heaters" in winter season at Breeding Centre and Animal Houses.
- Covering of Kraal roof by "Thatched Grass" at Bears & Leopards Animal house.
- Covering of Feeding Point & Water Point roofs with "Thatched Grass" for Herbivorous in summer season.
- Construction 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 center of Etawah Safari Park, Etawah. Presently 06 Male & 08 Female lions are present as founder population animals. One male cub of lioness Rupa has been reared at Neo Natel Unit.

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
	-	-	-	-	-
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	18-01-2024	Leopard-01 (M)	Buffer Zone at Etawah Safari Park campus	20-01-2024	-	-

26. Annual Inventory of animals

Form – II
[See Rule 11(1)]
Part – A

Inventory Report for the Year : 2023-24

Endangered Species*

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
Asiatic Lion	<i>Panthera leo persica</i>	7	10	-	17	-	2	-	-	-	-	-	-	-	2	2	0	7	8	-	15
Leopard	<i>Panthera pardus</i>	7	2	-	9	-	-	-	7	4	-	-	-	-	4	1	-	10	5	-	15
Bear Sloth	<i>Melursus ursinus</i>	2	1	-	3	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	1
Black Buck	<i>Antelope Cervicapra</i>	50	72	19	141	-	-	21	1	-	-	-	-	-	8	6	1	46	85	17	148

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

Part – B

Other than Endangered Species

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
Sambar	<i>Rusa unicolor</i>	6	6	2	14	-	-	2	-	-	-	-	-	-	1	-	-	7	6	2	15
Cheetal	<i>Axis axis</i>	27	28	21	76	-	-	16	-	-	-	-	-	-	3	1	-	48	31	9	88
Nilgai	<i>Boselaphus tragocamelus</i>	2	0	0	2	-	-	-	-	-	-	-	-	-	-	-	-	2	0	0	2

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	Cub of lioness SONA	<i>Panthera leo persica</i>	F	13-08-2023	Interstitial pneumonia and hepatitis
2	Jenifer	<i>Panthera leo persica</i>	F	10-11-2023	Chronic renal failure
3	Kesari	<i>Panthera leo persica</i>	M	02-12-2023	Multiorgan failure
4	Bahubai	<i>Panthera leo persica</i>	M	27-12-2023	Multiorgan failure due to bacterial sepsis
5	Leopard	<i>Panthera pardus</i>	M	26-06-2023	Nothing specifically diagnosed
6	Leopard	<i>Panthera pardus</i>	M	19-08-2023	Septicaemia
7	Leopard	<i>Panthera pardus</i>	M	31-08-2023	Septicaemia
8	Leopard	<i>Panthera pardus</i>	F	14-10-2023	Septicaemia
9	Leopard	<i>Panthera pardus</i>	M	26-02-2024	Myocarditis
10	Sloth Bear (Kunni)	<i>Melursus ursinus</i>	F	12-08-2023	Chronic nephropathy (kidney failure)

11	Sloth Bear (Bholu)	<i>Melursus ursinus</i>	M	28-09-2023	Hepatitis and chronic nephropathy
12	Black Buck	<i>Antilope Cervicapra</i>	M	18-04-2023	Due to Bloat.
13	Black Buck	<i>Antilope Cervicapra</i>	F	13-05-2023	Cardiac respiratory failure
14	Black Buck	<i>Antilope Cervicapra</i>	F	14-05-2023	Septicaemia shock
15	Black Buck	<i>Antilope Cervicapra</i>	M	22-06-2023	Cardiac failure
16	Black Buck	<i>Antilope Cervicapra</i>	M	22-06-2023	Cardiac respiratory failure
17	Black Buck	<i>Antilope Cervicapra</i>	F	01-08-2023	Due to bloat
18	Black Buck	<i>Antilope Cervicapra</i>	M	04-08-2023	Cardiac failure
19	Black Buck	<i>Antilope Cervicapra</i>	F	17-08-2023	Septicaemia shock
20	Black Buck	<i>Antilope Cervicapra</i>	M	19-09-2023	Neck injury
21	Black Buck	<i>Antilope Cervicapra</i>	M	17-10-2023	Asphyxia
22	Black Buck	<i>Antilope Cervicapra</i>	F	31-10-2023	Not Diagnosed
23	Black Buck	<i>Antilope Cervicapra</i>	F	30-12-2023	Circulatory failure
24	Black Buck	<i>Antilope Cervicapra</i>	M	03-01-2024	Due to shock
25	Black Buck	<i>Antilope Cervicapra</i>	M	04-01-2024	Due to shock
26	Black Buck	<i>Antilope Cervicapra</i>	U	06-03-2024	Circulatory failure

28. Compliance with conditions stipulated by the Central Zoo Authority

No quarries are stipulated by the Central Zoo Authority in yr. 2023-24

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

MAMMAL SPECIES

S. No	Common Names	Scientific Nomenclature
1.	Indian Pangolin	<i>Manis Crassicaudata</i>
2.	Golden Jackal	<i>Canis Aureus</i>
3.	Common Palm Civet	<i>Paradoxurusher Maphrodites</i>
4.	Indian Small Mongoose	<i>Herpestes Auropunctatus</i>
5.	Indian Great Mongoose	<i>Herpestes Edwardsii</i>
6.	Jungle Cat	<i>Felius Chaus</i>

7.	Wild Boar	<i>Sus Scrofa</i>
8.	Sambar	<i>Cervus Unicolour</i>
9.	Nilgai	<i>Boselaphus Tragocamelus</i>
10.	Northern Palm Squirrel	<i>Funambulus Pennantii</i>
11.	Porcupine	<i>Hystrix Indica</i>
12.	Indian Hare	<i>Lepus Nigricollis</i>
13.	Chuha	<i>Rats Rats</i>
14.	Mus	<i>Mus Susculus</i>
15.	Chhachhunder	<i>Sancus Murinus</i>
16.	Chamgadhar	<i>Scotophilus Hethae</i>
17.	Leopard Cat	<i>Prionailurus bengalensis</i>
18.	Honey Badger	<i>Mellivora capensis</i>
19.	Indian Leopard	<i>Panthera pardus</i>

REPTILES

S. No.	Common Names	Scientific Nomenclature
1.	Goh (Monitor Lizard)	<i>Varanus indicus</i>
2.	Python	<i>Paython molurus</i>
3.	Indian Cobra	<i>Naja naja</i>
4.	Common Krait	<i>Bungarus sindorus</i>
5.	Rat Snake	<i>Pytas mucosus</i>
6.	Green Keelback snake	<i>Rhabdophis plumbicolour</i>
7.	Common Wolf Snake	<i>Lycodon aulicus</i>
8.	Common Sand Boa	<i>Gongylophis conicus</i>
9.	Red Sand Boa	<i>Eryx johnii</i>
10.	Turtle	<i>Lissemys punctate</i>
11.	Indian Star Tortoise	<i>Geochelone elegans</i>

BIRDS

S.NO	ENGLISH NAME	SCIENTIFIC NAME
1	Grey Franclin	<i>Ortygornis pondicerianus</i>
2	Black Franclin	<i>Francolinus francolinus</i>
3	Common Quail	<i>Coturnix coturnix</i>
4	Jungle Bush Quail	<i>Perdica asiatica</i>
5	Barred Button Quail	<i>Turnix suscitator</i>
6	Indian Peafowl	<i>Pavo cristatus</i>
7	Lesser Whistling duck	<i>Dendrocygno javanica</i>
8	Knob Billed duck	<i>Sarkidiornis melanotos</i>
9	Common Shel duck	<i>Tadorna tandorna</i>
10	Ruddy Shelduck	<i>Tadorna Ferruginea</i>
11	Brown Capped Pigney Wood Pecker	<i>Yungipicus nanus/ Dendrococ nanus</i>
12	Grey Capped Pigney wood peckers	<i>Yungipicus canicapillus</i>
13	Yellow Crowned	<i>Leiopicus mahrattensis</i>
14	Greater Yellow naped	<i>Chrysophlegma feavinucha</i>
15	Streal Throated	<i>Picus xanthopygaeus</i>
16	Greater Flameback	<i>Chrysocolaptes guttacristatus</i>
17	Black rumped flaweback	<i>Dinopinus benghalense</i>
18	White naped	<i>Chrysocolaptes festivus</i>
19	Brown Headed Barbet	<i>Psilopogon zeylanicus</i>
20	Coppersmith Barbet	<i>Megalaima haemacephala</i>

21	Grey Hornbill	<i>Ocyceros birostrus</i>
22	Common Hoopoe	<i>Upupa epops</i>
23	Indian Roller	<i>Coracias benghaleusis</i>
24	European Roller	<i>Carocias garrulus</i>
25	Common Kingfisher	<i>Alcedo atthis</i>
26	Strokbilled lingfisher	<i>Pelargopsis capensis</i>
27	white throated King fisher	<i>Haalcyon smymensis</i>
28	Pied Kingfisher	<i>Ceryle rudus</i>
29	Green Bee eater	<i>Merops orientalis</i>
30	Blue tailed Bee eater	<i>Merops philippinus</i>
31	Chestnut Headed Bee eater	<i>Merops leschenaulti</i>
32	Pied / Jacobin's Cuckoo	<i>Clamator jacobinus</i>
33	Common Hawk cuckoo	<i>Hierococcyx varius</i>
34	Grey Bellied Cuckoo	<i>Cacomantis passerinus</i>
35	Asian keol	<i>Eudynamys Scolopaceus</i>
36	Sirkeer Malkoha	<i>Phaenicophaeus lwschenaultii</i>
37	Lesser Cauca	<i>Centropus benghalensis</i>
38	Greater Cauca	<i>Centripus sinensis</i>
39	Alexandrine Parakeet	<i>Psittacula eupatria</i>
40	Roseringed Parakeet	<i>Psottaeula krameri</i>
41	Plumheaded Parakeet	<i>Psittacula cyanocephala</i>
42	Asian Palm swift	<i>Cypsiurus balasiensis</i>
43	House Swift	<i>Apus nipalensis</i>

44	Barn Owl	<i>Tytoalba</i>
45	Grass Owl	<i>Tyto longimembris</i>
46	Eurasian Eagle Owl	<i>Bubo bubo</i>
47	Oriental Scops Owl	<i>Otus Sunia</i>
48	Asian Barred Owlet	<i>Glaucidium cuculoides</i>
49	Spotted Owlet	<i>Athene brama</i>
50	Dusky Eagle Owl	<i>Bubo coeomandus</i>
51	Indian / Rock Eagle Owl	<i>Bubo bengalensis</i>
52	Large Tailed Nightjar	<i>Caprimulgus macrurus</i>
53	Rock Pigeon	<i>Calumba livia</i>
54	Orange Breasted Green Pigeon	<i>Treron bivinctus</i>
55	Yellow Footed Green Pigeon	<i>Treron Phoenicopterus</i>
56	Pintailed Green Pigeon	<i>Treron apicauda</i>
57	Oriental Turtle Dove	<i>Streptopelia orientalis</i>
58	Laughing Dove	<i>Spilopelia senegalensis</i>
59	Spotted Dove	<i>Spilopelia chinensis</i>
60	Red Collared Dove	<i>Streptopelia tranquebarica</i>
61	Eurasian Collared Dove	<i>Streptopelia Decaocla</i>
62	White Breasted Waterhen	<i>Amaurornis Phoenicurus</i>
63	Moorhen	<i>Gallinula choropus</i>
64	Little Grebe	<i>Tachybaptus ruficollis</i>
65	Little Cormorant	<i>Micro corba niger</i>
66	Large Cormorant or Indian shag	<i>Phalacrocorax carbo</i>

67	Little Egret	<i>Egretta garzetta</i>
68	Intermediate Egret	<i>Ardea intermedia</i>
69	Great Egret	<i>Ardea alba</i>
70	Cattle Egret	<i>Bubulcus ibis</i>
71	Purple Heron	<i>Ardea purpurea</i>
72	Pond Heron	<i>Ardeola ralloides</i>
73	Black Headed Night Heron	<i>Ncticorax nycticorax</i>
74	Cinnamon Bittern	<i>Ixobrychus cinnamomeus</i>
75	Black Bittern	<i>Ixobrychus flavicollis</i>
76	Grey Heron	<i>Ardea cinerea</i>
77	Black Ibis (Rednaped)	<i>Psludibis papillis</i>
78	Black Headed Ibis	<i>Thredkiornis melanicephalus</i>
79	Eurasian Spoonbill	<i>Plotalea leucoradia</i>
80	Painted Stork	<i>Mycteria lencoceohala</i>
81	Asian Openbill	<i>Anastomus oscitans</i>
82	Wootly Necked Stork	<i>Ciconia eoiscopus</i>
83	Eurasian Curlew	<i>Numnius arquata</i>
84	Common Red Shank	<i>Tringa totamus</i>
85	Common Green Shank	<i>Tringa nebularia</i>
86	Green Sandpiper	<i>Tringa ochropus</i>
87	Little stimt	<i>Colidris minula</i>
88	Pheadaml Triled Jacana	<i>Hydrophadianus chirurgus</i>
89	Bronze Winged Jacana	<i>Metopidius Indicus</i>

90	Eurasian Thick Knee	<i>Burhinus oedicnemus</i>
91	Black winged Still	<i>Himantopus himantopus</i>
92	Yellow Wattled Lapwing	<i>Vanellus malabaricus</i>
93	River Lapwing	<i>Vanellus duvaucelii</i>
94	Red Wattled Lapwing	<i>Vanellus indicus</i>
95	Small Pratincole	<i>Glareola lactea</i>
96	India Skimmer	<i>Rynchops albigollis</i>
98	Osprey	<i>Pandion haliaetus</i>
99	Black Shouldred Kite	<i>Elanus axillaris</i>
101	Black Kite	<i>Milvus migrans</i>
102	Egyption Vulture	<i>neophron perenopterus</i>
103	Crested Serpent Egle	<i>Spilornis cheela</i>
104	Pallid Harrier	<i>Circus macrourus</i>
105	Shikra	<i>Accipiter badu=ius</i>
106	Red Necked Falcon	<i>Falco Chicquera</i>
107	Common Kestel	<i>Falco tinnunculus</i>
108	Oriental Honey Buzzard	<i>Perinis ptilorhynchus</i>
109	Tawny Eagle/Booted Eagle	<i>Aquila rapax</i>
110	Sparrow-Hawk	<i>Accipter nisus</i>
111	Indian Pitta	<i>Pitta brachyura</i>
112	Golden Fronted Leafbird	<i>Chloropsis aurifrons</i>
113	Bay Backed Shrike	<i>Lanius rittatus</i>
114	Grey Backed Shrike	<i>Lanius tephronotus</i>

115	Long Tailed Shrike	<i>Lanius schach</i>
116	Rufous Treepiw	<i>Dendrocitta vagabunda</i>
117	House Crow	<i>Corvus splendens</i>
118	Long Bolled Crow	<i>Croovus macrorhynchos</i>
119	Golden Oriole	<i>Oriolus kundro</i>
120	Black Hooded Oriole	<i>Oriolus xanthornus</i>
121	Large Cuckoo Shrike	<i>Caracina macei</i>
122	Black Winged Cuckoo shrike	<i>Caracina melaschistos</i>
123	Scarlet Minivet	<i>Pericrocotus speciosus</i>
124	White Bellied Minivet	<i>Pericrocotus erythropygus</i>
125	Bar Winged Flycatcher Shrike	<i>Hemipus picatus</i>
126	Yellow Bellied Fantail	<i>Empidonax flaviventris</i>
127	White Throated Fantail	<i>Empidonax albigularis</i>
128	Black Drongo	<i>Dicrurus macrocercus</i>
129	Ehite Bellied Drongo	<i>Dicrurus caerulescens</i>
130	Lesser Racket Tailed Drongo	<i>Dicrurus remifer</i>
131	Greater Racket Tailed Drongo	<i>Dicrurus paradiseus</i>
132	Asian Paradise Flyxatcher	<i>Terpsiphone paradisi</i>
133	Orange Headed Thrush	<i>Geolichla citrina</i>
134	Dark Throated Thrush	<i>Turdus atrogularisq</i>
135	Little Pied Flycatcher	<i>Ficedula westermanni</i>
136	Ultra marine flycatcher	<i>Ficedula supereiliaris</i>
137	Siberian Ruby Throat	<i>Calliope calliope</i>

138	Blue Throat	<i>Luscinia svesica</i>
140	Oriental Magpie Robin	<i>Copsychus saularis</i>
141	White Rumped Shama	<i>Copsychus malabaricus</i>
142	Indian Robin	<i>Saxicoloides Fulixatus</i>
143	Black Red Start	<i>Phoeuicurus ochruros</i>
144	Common Stone Chat	<i>Saxicola torquatus</i>
145	White Tailed Stone Chat	<i>Saxicola leucurus</i>
146	Pied Bush Chat	<i>Saxicola caprata</i>
147	Grey bush Chat	<i>Saxicola ferreus</i>
148	Brown Rock Chat	<i>Cercomela fusca</i>
149	Brahminy Starling	<i>Sturnia pagadarum</i>
150	Rosy Starling	<i>Postir roseus</i>
151	Pied Starling	<i>Gracupica contra</i>
152	Common Myana	<i>Acridotheres tristis</i>
153	Bank Myana	<i>Acridotheres ginginianus</i>
154	Jungle Myana	<i>Acridotheres fuscus</i>
155	Chestnut Bellied Nuthatch	<i>Sitta cinnami ventris</i>
156	Spotted Creeper	<i>Salpornis spilonotus</i>
157	Tawny Bellied Babbler	<i>Dumetia hyperythra</i>
158	Striped Til Babbler	<i>Macronus gularis</i>
159	Chestnut Capped Babbler	<i>Timalia pileata</i>
160	Yellow Eyed Babbler	<i>Chrysomma sinense</i>
161	Common Babbler	<i>Turdoides caudata/Argya candata</i>

162	Staraited Babbler	<i>Turdoides earlei</i>
163	Large Grey Babbler	<i>Turdoides malcolmi</i>
164	Jungle Babbler	<i>Turdoides striata</i>
165	Bengal Bushlark	<i>Mirafra assamica</i>
166	Black Crowned Sparrow Lark	<i>Eremopterix nigriceps</i>
167	Crested Lark	<i>Galerida cristata</i>
168	Oriental Skylark	<i>Alauda gulgula</i>
169	Thick Billed Flower Pecker	<i>Dicaeum agile</i>
170	Plain Flower Pecker	<i>Dicaeum minullum</i>
171	Purple Sun Bird	<i>Cinnyris asiaticus</i>
172	Crimson Sunbird	<i>Aethopyga siparaja</i>
173	Fire Tailed Sunbird	<i>Aethopyga ignicauda</i>
174	House Sparrow	<i>Passer domesticus</i>
175	Chwstnut Shouldered petronia/Sprrow	<i>Gymnoris xanthocollis</i>
176	Grey Tit	<i>Parus afer</i>
177	Sand Martin	<i>Riparia riparia</i>
178	Plain Martin	<i>Riparia chinensis</i>
179	Dusky Crag Martin	<i>Ptyonoprogne concolor</i>
180	Barn Swallow	<i>Hirundo rustica</i>
181	Wire Tailed Swallow	<i>Hirundo smithii</i>
182	Red Rumped Swallow	<i>Cecropis daurica</i>
183	Red Whiskered Bulbul	<i>Pycnonotus jocosus</i>
184	White Eared Bulbul	<i>Pycnonotus leucotis</i>

185	Red Vanted Bulbul	<i>Pycnonotus cafer</i>
186	Rufous Fronted Prinia	<i>Prinia buchanani</i>
187	Jungle Prinia	<i>Prinia sylvastica</i>
188	Yellow Bellied Prinia	<i>Prinia flaviventris</i>
189	Ashy Prinia	<i>Prinia socialis</i>
190	Plaiu Prinia	<i>Prinia inornata</i>
191	Striated Prinia	<i>Prinia crinigera</i>
192	Grey Breasted Prinia	<i>Prinia hodgsonii</i>
193	Bright Headed Cisticola	<i>Cisticola exilis</i>
194	Oriental White Eye	<i>Zosterops palpebrosus</i>
195	Common Tailor Bird	<i>Orthotomus sutorius</i>
196	Paddy Field Warbler	<i>Acrocephalus agricola</i>
197	Rufous Rumped Grass Bird	<i>Graminicola bengalensis</i>
198	Common Chiffchaff	<i>Phylloscopus collybita</i>
199	Greenish Warbler	<i>Phylloscopus trochiloides</i>
200	Western Crowned Warbler	<i>Phyllosocopus occipitalis</i>
201	Lesser White Throat	<i>Sylvia curruca</i>
202	White Wagtail	<i>Motacilla alba</i>
203	White Browed Wagtail	<i>Motacilla maderaspatensis</i>
204	Citrine Wagtail	<i>Motacilla citreola</i>
205	Yellow Wagtail	<i>Motacilla flava</i>
206	Grey Wagtail	<i>Motacilla cinerea</i>
207	Paddy Field Pipit	<i>Anthus rufulus</i>

208	Tree Pipit	<i>Anthus trivialis</i>
209	Long Billed Pipit/Brown Rock Pipt	<i>Anthus similis</i>
210	Streaked Weaver	<i>Ploceus manyar</i>
211	Baya Weaver	<i>Ploceus philepinus</i>
212	Black Breasted Weaver	<i>Ploceus ben ghalensis</i>
213	Finn's Weaver	<i>Ploceus megarhynchus</i>
214	Red Avadavat	<i>Amandava amandava</i>
215	Green Avadavat	<i>Amandava formosa</i>
217	India Silver Bill/Plain Avadavat	<i>Euodice malabarica</i>
218	Scally Breasted Avadavat	<i>Lonchura punctulata</i>
219	Black Headed Avadavat	<i>Lonchura atricapilla</i>
220	Common Rose Finch	<i>Carpodacus erythrinus</i>
221	Crested Bunting	<i>Melophus lathamii</i>
222	Rock Bunting	<i>Emberiza cia</i>
223	Red Headed Bunting	<i>emberiza bruniceps</i>
