

Marble Palace Zoo

Kolkata

Annual Report 2018-19



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1. Report of the Director (2018-19)

Marble Palace Zoo is the oldest Zoo in India. It is a heritage zoo that attracts the people of India and abroad to see and experience its high heritage and also to take the experience from it.

Marble Palace Zoo and Art Gallery is the top priority of the tourists visiting Kolkata.

The zoo is a private zoo which is now under the guidance and approval of the Central Zoo Authority. With the help of the Central Zoo Authority, the Marble Palace Zoo has been able to improve in its various factors and conditions for the benefit and wellbeing of the animals and birds.

The zoo is privately maintained, and it is a prized achievement of the house. In accordance to the Central Zoo Authority improvements has been brought. Since the zoo is within the heart of the city of Kolkata, people get the experience of the richness of the wildlife as purely as possible. Students' of various schools and colleges under many universities come to the zoo and are greatly enriched with the knowledge of the animals and birds.



The Marble Palace Zoo and Marble Palace Museum and Art Gallery.

2. History of the Zoo

Marble Palace Zoo is the pioneer of Zoos established in the year 1854 and it is the oldest zoo in India. It is situated in the middle of the city of Kolkata. Originally it was the zoo garden of the Marble Palace, but it was open to the public from the beginning.

The visitors of the Marble Palace Zoo visit both the Marble Palace Zoo and Marble Palace Art Gallery and Museum. Both are free of charge.

This heritage zoo has many heritage structures, cages, and enclosures. Some of them are nearly 200 years old.

The Authorities tried to keep them in its original form as much as possible.

The Founder of the Marble Palace Zoo, Raja Rajendro Mullick Bahadur has the idea and in his Trust Deed he mentioned that “the keeping of the birds and animals will be for the entertainment and education of the general public”. The public will come and see the birds and animals of this country as well as the world.

The exiled Nawab/Nawab of Audh Wajed Ali Shah, being the friend of the Founder Raja Rajendro Mullick brought some exotic birds including White Peacock for the Zoo and he also presented some animals and artifacts to him.

As the founder of the zoo had deep knowledge of Ornithology, the Antwerp Zoological Society of Belgium, made him the Honorary Member and advisor of the Antwerp Zoo permanently. Not only that, the far situated Melbourne Zoological Society also honored him by giving honorary diploma in Zoology. Being a great animal and bird lover, he requested the then, British Authorities to establish a zoo with a big area and The Alipore Zoological Garden which is the main Zoo of Kolkata started by the inspiration of him and his eldest son, Debendro Mullick. The first building, enclosure of Alipore Zoo was constructed and donated by him, “The Mullick House”. It was at the front of the Alipore Zoo, existed till 10 years back also, but now it has been demolished for a “new building cum enclosure for animals”.



**Raja Rajendra Mullick Bahadur,
The Founder of the Marble Palace Zoo**

Born - 24th June 1819

Died - 19th April 1887

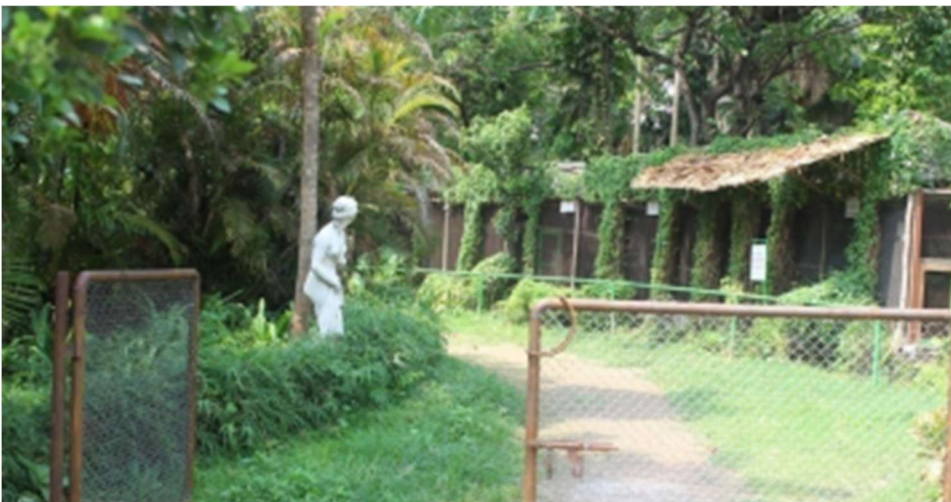


The Zoo Premises

Marble Palace Zoo at a Glance

- Name of the Zoo- Marble Palace Zoo
- Address- 46, Mukta Ram Babu Street Kolkata 700007.
- Director of the Zoo- Dr.Tapendro Mullick.
- Opening Time- 10 am – 4 pm Mondays and Thursdays closed.
- Entry Fee- Absolutely Free.
- Contact-9830058160

marblepalacezoocalcutta@gmail.com



The bird enclosures.

3. Vision

The vision of the Marble Palace Zoo is to make aware the people of the livelihood of the animals and birds.

The visitors can have a combined and enriching experience of the lush heritage so provided by the Art Gallery with that livelihood of the animals and birds.



The heritage cage structures.

4. Mission

- i. Conservation and breeding of endangered species.
- ii. Providing a naturalistic environment for the animals.
- iii. Providing knowledge and enrichment to the visitors about the lifestyle of animals.



The Deer Enclosure

Strategy-

Though it is at urban area, The Marble Palace Zoo Authority are of the opinion to provide the best kind of habitat that can be provided to every animal in natural lifestyle.



Way to the Zoo

5. Objective

The Marble Palace Zoo being a mini Zoo is only concerned and concentrated upon the well-being of the animals and birds. It is the foremost and the most important objective of the zoo. Other objectives of the zoo is spreading of conservation, education and creating awareness among the people



The deer enclosure

Amenities to the Visitors

The visitors visiting the Marble Palace Zoo are able to understand and enjoy the heritage and also the livelihood of the animals and birds. There is good signalling of the road directions in the zoo premises, so the visitors have no problem. Drinking water is also available for the visitors. Toilets are also present for the convenience of the visitors.

There are sitting areas and benches where people can sit and relax.

Amenities at a glance: -

- 1) Seating places.
- 2) Rest Rooms / Toilets
- 3) First Aid
- 4) Wheelchair with Assistant
- 5) Drinking Water
- 6) Eatery Kiosk at gate.
- 7) Playing lawn for children etc.



Visitors can sit and relax



The Lawn

Expenditure

The Marble Palace Zoo is a private zoo and all the expenditures for the caretaking of the animals and birds are taken up and carried on by the Trust Fund.

Enclosures

Since the animals are living in the enclosures, optimum amount of care and concerns are taken to the protection and well-being of the animals and birds. Cages and enclosure are so provided which provide with highest amount of wildlife feel in the city as per the direction of the Central Zoo Authority. Ducks and Pelicans are able to swim freely in the enclosed pond area.

New Births

Marble Palace Zoo is of the highest opinion of breeding new life. For many decades the breeding procedures of animals and birds have been carried on. Till this day new babies of animals and birds are continuing in the zoo, which makes the zoo exceptionally proud.

Peafowl's, some mutated forms of Indian Ring Neck Parakeet, (White, Blue, Lutino etc.), Alexandrine Parakeet (mutated Lutino form), pheasants, Four Horn Antelope, Spotted Deer & Muntjac (Barking Deer) and some other animals and birds borned during 2018-19.

Visit of Educational Institutions

The Marble Palace Zoo is greatly concerned about the proper care of animals, and it can be only done when people are made aware. So, the newer generations must be made aware and made understood about the livelihood and behaviour of animals and birds. Many eminent and renowned schools of Kolkata have visited the Zoo. Schools such as Loreto Day School Bowbazar, Carmel High School, Patha Bhavan, South Point etc, have visited and have been enriched with the knowledge of wildlife especially in captivity.

Other colleges under the Calcutta University have also visited the zoo and they still do the same.



The arial view showing the Palace at the Right side and the Zoo Area in the front and Left side. The lawns are being enjoyed by the visitors as well.

6. About us

As the Bicentenary celebration of the Founder of Marble Palace Zoo is continuing some Programmes held during this time at the Zoo.

The founder of both the palace and the zoo (which is the oldest zoo in India) Raja Rajendro Mullick was born in 1819. So in this year 2019, two-year long program has been started from 2018 and will end in 2020.

The new enclosures layout, new sitting arrangements for visitors. Brochures and publications has been made. Already some of the works has been started.

Many educational institutions had sent articles and attended the functions which held in our zoo after Durga Puja festival.

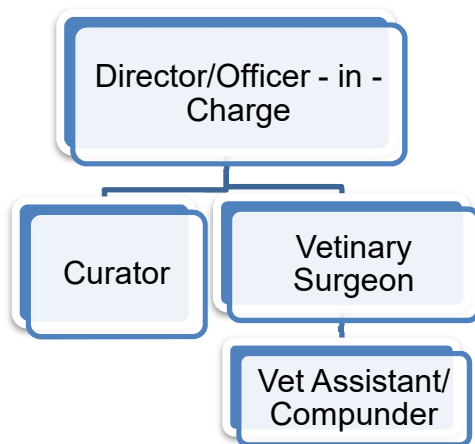
Central Zoo Authority has been categorised, this zoo as a Mini Zoo giving special emphasis on birds and breeding of the endangered species, which are existing in our zoo. Dr. Brij Kishore Gupta (PHD) who had visited the Zoo and advised many valuable techniques for the animals of the zoo which we are following according to the advices. The works are going on full swing.

Basic Information about the Zoo			
1	Name of the Zoo	Marble Palace Zoo Kolkata	
2	Year of Establishment	1854	
3	Address of the Zoo	46, Muktaram Babu Street Kolkata - 700007	
4	State	West Bengal	
5	Telephone Number	03322699542	
6	Fax Number	-	
7	E-mail address	marblepalacezoocalcutta@gmail.com	
8	Website	-	
9	Distance from nearest	Airport Airport: Kolkata Airport- NSC Bose International, Kolkata. About – 12 KM	
		Railway Station: Sealdah and Howrah (both 3 km)	
		Bus Stand: Ram Mandir –100 meters Metro Station - 200 meters only (M. G. Road)	
10	Recognition Valid upto (Date)	2021	
11	Category of zoo	Mini Zoo.	
12	Area (in Hectares)	5 .942 Acres	
13	Number of Visitors (Financial Year)	Adult : - Children :	Not counted separately as there is no ticket for admission.

		-	
		Total Indian:	63,000 approx.
		Total Foreigners:	10,000 approx.
		Total Visitors:	73,000 approx.
14	Visitors' Facilities Available in Zoo	1) Seating Places 2) Rest Rooms/ Toilets 3) First Aid 4) Wheelchair with Assistant 5) Drinking Water 6) Eatery Kiosk at gate 7) Playing lawn for children etc.	
15	Weekly Closure Day of the Zoo	Season-October to March- All day except Monday. Other times-April to September Monday and Thursday.	
Management Personnel of the zoo			
16	Name with designation of the Officer in charge	Dr.Tapendro Mullick. Director and In-charge	
	Name of the Veterinary Officer	Dr.Sankar Kar.	
	Name of the Curator	Mr.Pradip Dhur.	
	Name of the Biologist	Dr.Prasanta Patra.	
	Name of the Education Officer	Not yet employed.	
	Name of the Compounder/ Lab Assistant	Uttam Pal	

Owner / Operator of the Zoo - Trust Estate Raja Rajendro Mullick Bahadur		
17	*Name of the Operator	Dr.Tapendro Mullick.
18	Address of the Operator	46, Muktaram Babu Street Kolkata 700007.
19	Contact details/Phone number of Operator	9830058160
20	E-mail address of Operator	tapendromullick@gmail.com

7. Organizational Chart:-



8. Human Resources

Manpower of the Zoo

<u>Sl.No.</u>	<u>Designation</u>	<u>Number of Sanctioned Posts</u>	<u>Names of the Incumbent</u>
1	Director/In -charge	1	DR. T. Mullick.
2	Curator	1	P. K. Dhar.
3	Veterinary Surgeon	1	DR. Sankar Kar.
4	Asst. Vet. /Compounder	1	Uttam Pal.
5	Animal Keeper	1	Surya Shamal.
6	Animal Keeper	2	Dilip Bhunia
7	Animal Keeper	3	Bimal Das.
8	Animal Keeper	4	Tapas Prodhan
9	Security Guard	1	Jitendra Singh
10	Security Guard	2	Sunil Ray
11	Security Guard	3	Sanjib Thakur.
12	Food Processor	1	Ramakanta Das
13	Cage Repairer	1	Robin Hazra.
14	Cage Repairer (Asst.)	2	Ravi Kumar Das.
15	Gardener	1	Chandra KantaDey.
16	Gardener	2	Sukumar Bhowmick.
17	Gardener	3	Alik Pal
18	Gardener	4	Chunu Soren
19	Supervisor cum daily record keeper	1	Totan Barik
20	Asst. Clerk	1	Biswapriya Mukherjee.

9. Capacity Building of zoo personnel

<u>Sl.No.</u>	<u>Name and designation of the zoo personnel</u>	<u>Subject matter of Training</u>	<u>Period of Training</u>	<u>Name of the Institution where the Training attended</u>
1.	Animal Keepers	Zoo oriented training	7 days	Nandan Kanan Biological Park, Odisha

10. Zoo Advisory Committee –

We are glad to announce that Dr.Brij Kishore Gupta PhD, has consented to be our honorary chief advisor of the Zoo Advisory Committee and is being continued

11. Health Advisory Committee–

- a. **Date of constitution** – 16.10.2008
- b. **Members** – Dr.A.K Das,Dr.S.K Kar.

12.Statement of income and expenditure of the Zoo

The finance for the zoo comes from Trust Estate Raja Rajendro Mullick Bahadur as a whole.

13. Daily feed Schedule of animals

Daily per animal

1. SPOTTED DEER	KGS	
Wheat Bran	0.750	
Crushed Barley		0.100
Crushed Oats	0.050	
Ground nut cake	0.040	
Gram (Soaked & Sprouted)		0.100
Salt/Blacksalt	0.025	
Cut Vegetables/Leaves/Green Grass	L.S.	
Carrot/Sweet Potatoes/Sakh	0.200	
Paddy Strew	0.100	
Mineral Mixture (Supplenite M/Minamil/Concimin)	0.050	
2. BARKING DEER		
Wheat Bran	0.750	
Crushed Barley		0.100
Crushed Oats	0.050	
Ground nut cake	0.040	
Gram (Soaked & Sprouted) and Sprouted Mug		0.100
Salt/Blacksalt	0.025	
Cut Vegetables/Leaves/Green Grass	L.S.	
Carrot/Sweet Potatoes/Sakh	0.200	
Mineral Mixture	0.050	

2

DAILY PER ANIMAL

3. FOUR HORNED ANTELOPE	KGS	
Wheat Bran	0.500	
Crushed Barley		0.100
Crushed Oats	0.050	
Ground nut cake	0.040	
Gram (Soakech)		0.150
Salt/Blacksalt	0.025	
Carrot/Sweet Potatoes/Sakh	0.200	
Green Learnes	L.S.	
Mineral Mixture		0.050

4. COMMON LANGUR	KGS	
Sweet Fruits (Orange/ Banana/ Apple/ Guava/ Grapes)		0.200
Watermelon (Seasonal)		
Bread / Boiled rice with milk	0.150	
Sweet/ Potatoes/ Carrots/ bean/ barbate	0.400	
5. RHESOUS MONKEY / STUMPED TAILED MONKEY		
Sweet Fruits (Orange/ Banana/ Apple/ Guava/ Grapes)		0.200
Watermelon (Seasonal)		
Bread / Boiled rice with milk	0.150	
Sweet/ Potatoes/ Carrots/ bean/ barbate	0.400	
6. GIANT SQUIRREL		
Fruits (Grapes/Banana, Apples, Guava etc.)	0.100	
Sweet Carrots	0.150	
Bread with Milk		0.200
Mixed gram (Chattu) - Powdered gram	0.050	
3		
7. PELICAN	KGS	
Fish (Live)	1.000	
8. HILL MYNAH		
Sweet Fruits (Grapes/oranges/banana/papaya)	0.100	
Bread with Milk 0.150 Mineral gram (Chattu)	0.050	
9. PMEASANTS / FOWLS		
Mixed Grain (Cushed Maize wheat & Janera)	0.075	
Cut Vegetables (Spinach/pumpkin/Notesakh/Palangsakh)	0.025	
Ant eggs- when available	0.050	
Mineral gram (Chattu)	0.050	
Sprouted Mug & beams		
10. COCKATOO / LARGE PARROTS	KGS	
Fruits – Seasonal – Mango, Apple, Guava, Papaya, Banana, Pomegranate, Orange	0.150	
Ground Nut	0.050	
Sugar cane/Guava/Green Indian Corn	0.150	
Sunflower Seeds/Kusum seeds	0.040	
Wet gram/wet Indian Corn (Preboiled) / Sprouted Mug	0.050	
Bread soaked with milk	0.100	
11. HORNBILL		
Sweet fruits (Mainly papaya/orange/grapes/Banana)	0.200	
Bread Soaked in milk	0.150	
Mixed gram (Chattu)	0.200	
Deodar Fruits (Seasonal)	0.100	

12. CRANES	KGS
Soaked Paddy	0.200
Bengal Gram & Indian Corn- soaked	0.500
Bazra (Millet)	0.100
13. STORKS	
Live Fish	0.500
14. PARROTS/PARAKEETS	
Ground nut	0.020
Sugar Cane/Gram/Green Indian Corn	0.050
Sugarcane/Sunflower- Kusum Seeds/Millet	0.100
15. PORCUPINE	
Fruits (Banana/Mango/Apples/Guava)	0.250
Rice	0.100
Soaked Gram	0.100
Ground Nut	0.050
Green Vegetable (Cabbage Pumpkin, Sweet Potato)	0.250
16. DUCKS & GOOSE	
Soaked Paddy	0.200
Soaked Bengal Gram & Corn	0.200
Bazra (Millet) & others	0.050

14. Vaccination Schedule of animals

<u>Sl. No</u>	<u>Species</u>	<u>Disease vaccinated for</u>	<u>Name of the Vaccine and dosage/ quantity used</u>	<u>Periodicity</u>	<u>Remarks</u>
1.	<i>Peacocks, Partridges.</i>	Ranikhet	Ranikhet	Every Six Months	
2.	All Pheasants		Ranikhet F-1 Strain Intranasally.		

15. De-worming Schedule of animals

<u>Sl. No</u>	<u>Species</u>	<u>Drug used</u>	<u>Month</u>
1.	Deer and Antelope	Fenbendazole (Panacur) and Albendazole	Every 3 months alternatively
2.	Primates and other mammals. (porcupine and giant squirrel)	Albendazole.	
3.	Pheasants and other birds.	Cocciostat and Albendazole.	

16. Disinfection Schedule

<u>Sl. No</u> :	<u>Species</u>	<u>Type of enclosure</u>	<u>Disinfectant used and method</u>	<u>Frequency of disinfection</u>
1.	All aviaries.	Washing by phenyl /Lysol.		Daily
2.	All Ducks and Goose.	Wash.		Weekly
3.	Deer and Antelope.	Lime and Lysol.		Weekly

17. Health Check-up of employees for zoonotic diseases

Sl. No	Name	Designation	Date of Health Check up	Findings of Health Check up
	Zoo staff		Every month	

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

Many new enclosures.

e.g- New Indian Pheasant enclosure, new antelope enclosure, new hornbill enclosure. All has been done as directed by the Central Zoo Authority.

19. Education and Awareness programmes during the year

Special program held on 24th June 2019, on the 200th Birth Anniversary of the Founder of Marble Palace Zoo Raja Rajendro Mullick Bahadur where many students, zoo directors of other zoos (e.g.-Calcutta Alipore, Tata, Rourkela Zoo, Director of Calcutta Museum) etc. had attended and enjoyed.

20. Important Events and happenings

Bicentenary (200th) Birthday ceremony of the founder Raja Rajendro Mullick and zoo being the most important one, the event happened on 24th June, 2019.

21. Seasonal special arrangements for upkeep of animals

Summer, winter season and rainy season- nesting box supply and extra sheds for rainy season etc.

22. Research Work carried out and publications

Publication on process.

23. Conservation Breeding Programme of the Zoo : -

a) Four Horned Antelope.

b) Giant squirrel

c) Pied Hornbill

d) Mutation of Alexandrine Parakeets (Lutino)

24. Animal acquisition / transfer / exchange during the year

No acquisition took place this year.

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

Not functioning now.

26. Annual Inventory of animals

Sl. No.	Species	Stock as on 01.04.2018				During the Year									Stock As on 31.03.2019						
						Births			Acquisition			Disposals							Deaths		
		M	F	U	T	M:	F:	U	M	F	U	M	F	U	M	F	U	T			
	BIRDS :																				
01.	HORNBILL COMMON GREY (Tockus birostris)	2	3	0	5	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	5
02.	HORNBILL INDIAN PIED (Anthracoceros malabaricus)	2	3	0	5	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	5
03.	HORNBILL MALABAR PIED (Anthracoceros coronatus)	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
04.	PEAFOWL (Pavo Cristatus)	2	6	0	8	0	0	0	0	0	0	0	0	0	0	2	0	2	4	0	6
05.	PEAFOWL WHITE (Pavo Cristatus)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
06.	PHEASANT PEACOCK (Polyplectron bicalcaratum)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
07.	SPOONBILL WHITE (Platalea Leucorodia)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
08.	PHEASANT NEPAL KALIJ CRIMSON (tragopan satyra)	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
	TOTAL BIRDS	12	17	0	29	0	0	0	0	0	0	0	0	0	0	2	0	12	15	0	27

M = Male

F = Female

U = Unsex/Young

T = Total

Sl. No.	Species	Stock as on 01.04.2018				During the Year								Stock As on 31.03.2019							
						Births			Acquisition			Disposals						Deaths			
		M	F	U	T	M:	F:	U	M	F	U	M	F	U	M	F	U	T			
<u>MAMMALS :</u>																					
09.	ANTELOPE FOUR HORNED-CHOWSINGHA (Tetraceros quadricornis)	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3
10.	LANGUR COMMON (Semnopithecus entellus)	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
11.	MACAQUE RHESUS (Macaca mulatta)	1	1	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1
12.	MACAQUE STUMP TAILED (Macaca speciosa)	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
13.	PORCUPINE BENGAL (Atherurus mecrourus assamensis)	1	1	0	2	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	3
14.	SQUIRREE GIANT MALABAR/INDIAN (Rutufa indica)	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3
TOTAL MAMMALS		6	6	0	12	0	0	1	0	0	0	0	0	0	1	0	0	5	6	1	12
TOTAL ANIMALS		18	23	0	41	0	0	1	0	0	0	0	0	0	1	2	0	17	21	1	39

M = Male

F = Female

U = Unsex/Young

T = Total

Sl. No.	Species	Stock as on 01.04.2018				During the Year												Stock As on 31.03.2019						
		M	F	U	T	Births			Acquisition			Disposals			Deaths			M	F	U	T			
						M:	F:	U	:	:	U	:	:	U	:	:	U					:	F:	U
BIRDS :																								
01.	COCKATOO GOFFIN	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
02.	COCKATOO SULPHUR CESTERED (Kokatoo sulphurea)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
03.	CONNURE RED BELLIED	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
04.	CRANE DEMOSEILIE (Anthropoides virgo)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
05.	CRANE SARUS (Grus antigone)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
06.	CROW WHITE (Corvus splendens)	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
07.	DUCK BRAHMINY RUDDY SHEL (Tadorna Ferruginea)	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
08.	DUCK COMB (Sarkidiornis melanotos)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
09.	DUCK MALLARD (Ansaplatyrhynchos)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
10.	DUCK SHEL DUCK (Common)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
11.	DUCK SPOTBIL (Anas poecilornyncha)	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3
12.	GOOSE BAR HEADED (Anser indicus)	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
13.	DUCK SHOVELLER	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
14.	GOOSE GREYLAG (Anser anser)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
15.	GOOSE WHITE	3	3	0	6	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0

Sl. No.	Species	Stock as on 01.04.2018				During the Year												Stock As on 31.03.2019			
						Births			Acquisition			Disposals			Deaths						
		M	F	U	T	M:	F:	U	M	F	U	M	F	U	M	F	U	T			
BIRDS :																					
16.	IBIS BLACK (Pseudibis papillosa)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
17.	IBIS WHITE (Threskiornis acthiopica)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
18.	MACAW RED & GREEN	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
19.	MAGPIE BLUE (Cissa)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
20.	MYNA HILL (Gracula religiosa)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
21.	PARAKEET QUECKER	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
22.	PARAKEET ALEXANDRINE (Psittacula eupatria)	4	6	0	10	2	0	0	0	0	0	0	0	0	0	0	0	6	6	0	12
22A.	PARAKEET ALEXANDRINE (Psittacula eupatria) (Mutated to Lutino)	1	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	1	2	0	3
23.	PARAKEET LUTINO RING NECK	2	3	0	5	1	0	0	0	0	0	0	0	0	0	0	0	3	3	0	6
24.	PARAKEET BLUE RING (Psittacula)	1	1	0	2	1	1	0	0	0	0	0	0	0	0	0	0	2	2	0	4
25.	PARAKEET MOUSTACHED (Psittacula fasciatus)	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
26.	PARAKEET PLUM HEADED LITTLE (Psittacula eyanocephola cyanocephola)	3	3	0	6	0	1	0	0	0	0	0	0	0	0	0	0	3	4	0	7

M = Male

F = Female

U = Unsex/Young

T = Total

Sl. No.	Species	Stock as on 01.04.2018				During the Year												Stock As on 31.03.2019						
						Births			Acquisition			Disposals			Deaths									
		M	F	U	T	M:	F:	U	M	F	U	M	F	U	M	F:	U	M	F	U	T			
<u>BIRDS :</u>																								
27.	PARAKEET RED RUMPED	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
28.	PARAKEET ROSE RING (Psittacula Krameri)	10	16	0	26	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	10	16	0	26
29.	PARAKEET WHITE RING NECK (Match with white gen. Brd. female)	1	1	0	2	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0	8
30.	SLATY HEADED PARAKEET	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
31.	PARROTS GREY (Psittacus erithacus)	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3
32.	TIMENE GREY (Psittacus erithacus)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
33.	PARTRIDGE BLACK (Fra- ncolinus francolinus)	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
34.	PELICAN ROSY/WHITE (Pelecanus onocrotalus)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
35.	PARTRIDGE GREY (Francolinus pondicerianus)	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
36.	PHEASANT GOLDEN (Chrysolophus pictus)	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4

M = Male

F = Female

U = Unsex/ Young

T= Total

SI No.	Spices	Stock as on 01.04.2018				During the Year								Stock as on 31.03.2019							
		M	F	U	T	Births			Acquisitions			Disposals			Deaths		M	F	U	T	
						M:	F:	U	M:	F:	U	M:	F:	U	M:	F:	U				
37.	PHEASANT LADY AMHEREET (Chrysolophus Amherstiae)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
38.	PHEASANT REEVES (Symaticus Reevesi)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
39.	PHEASANT SILVER (Lophuranythemera)	2	2	2	6	0	0	0	0	0	0	0	0	0	1	1	0	1	1	2	4
40.	POCHARD COMMON BLACK (Anas clypoata)	1	1	2	4	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4
41.	STORK WHITE NECK (Cieonia episcopus)	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	TOTAL BIRDS	64	74	5	143	8	6	0	0	0	0	3	3	0	2	1	0	67	76	5	148

M = Male

F = Female

U = Unsex/ Young

T = Total

Sl. No.	Species	Stock as on 01.04.2018				During the Year												Stock As on 31.03.2019			
						Births			Acquisition			Disposals			Deaths						
		M	F	U	T	M:	F:	U	M	F	U	M	F	U	M	F	U	M	F	U	T
	MAMMALS :																				
42.	DEER BARKING MUNTJAC (Kakar) (Muntiacus muntjak)	5	4	0	9	0	0	0	0	0	0	0	0	0	0	0	0	5	4	0	9
43.	DEER SPOTTED (CHITAL) (Axis axis)	3	8	0	11	0	0	0	0	0	0	0	0	0	0	0	0	3	8	0	11
	TOTAL MAMMALS	8	12	0	20	0	0	0	0	0	0	0	0	0	0	0	0	8	12	0	20
	REPTILES :																				
44.	TORTOISE INDIAN STAR (Geochelone elegans)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
	TOTAL REPTILES	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
	TOTAL ANIMALS	73	87	5	165	8	6	0	0	0	0	3	3	0	2	1	0	76	89	5	170

M = Male F = Female U = Unsex/ Young T = Total

27. Mortality of animals

<u>Sl. No</u> :	<u>Animal Name (with individual identification mark, if any)</u>	<u>Scientific Name</u>	<u>Sex</u>	<u>Date of Death</u>	<u>Reason of Death as per the Post mortem report</u>
1.	Peafowl – 1 Peafowl - 2	Pavo cristatus Pavo cristatus	Female-1 Female-2	18.05.2018 13.12.2018	Due to Egg bound. Due to old age.
2.	Macaque Rhesus	Macaca mulatta	Male	17.09.2018	Old Age & Muscle wasting syndrome
3.	Parakeet Rose Ring	Psittacula krameri	Male	05.11.2018	Old Age.
4.	Pheasant Silver Pheasant Silver	Lophura nicthemera Lophura nicthemera	Male – 1 Female - 1	04.08.2018 25.12.2018	Cold in rainy season watery stool Cold & viral infection

28. Compliance with conditions stipulated by the Central Zoo Authority

It has been complied.

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

Mammals -

- 1.Mongoose
2. Civet
3. Squirrels

Birds -

- 1.Orioles
- 2.Cuckoo
- 3.Mynah
- 4.Babler
- 5.Moor Hens
- 6.Dahuk
7. Indian Ring Neck Pheasant.
- 8.Indian Blossom Headed
- 9.Sunbird
- 10.bengal Kites
- 11.Herons.
- 12.Cormosants
- 13.Copper Smiths
- 14.Red Vested Bulbul.
- 15.Shah Bulbul
- 16.Drongo
- 17.Fly catchers
18. Bengal Finches
19. Kingfishers.