

# Marble Palace Zoo

## Kolkata

### Annual Report 2020-21



<b>Sl. No.</b>	<b>Section</b>	<b>Page Number</b>
1.	Report of the Director	4
2.	History of the Zoo	6
3.	Vision	10
4.	Mission	10
5.	Objective	11
6.	About us	16
7.	Organizational Chart	19
8.	Human Resources	20
9.	Capacity Building of the zoo personnel	21
10.	Zoo Advisory Committee	21
11.	Health Advisory Committee	21
12.	Statement of income and expenditure of the Zoo	22
13.	Daily feed Schedule of animals	23-25
14.	Vaccination Schedule of animals	26
15.	De-worming Schedule of animals	26

<b>Sl. No.</b>	<b>Section</b>	<b>Page Number</b>
16.	Disinfection Schedule	27
17.	Health Check-up of employees for zoonotic diseases	27
18.	Development Works carried out in the zoo during the year	27
19.	Education and Awareness programmes during the year	27
20.	Important Events and happenings in the zoo	28
21.	Seasonal special arrangements for upkeep of animals	28
22.	Research Work carried out and publications	28
23.	Conservation Breeding Programme of the Zoo	28
24.	Animal acquisition / transfer / exchange during the year	28
25.	Rescue and Rehabilitation of the wild animals carried out by the zoo	28
26.	Annual Inventory of animals	29-35
27.	Mortality of animals.	36
28.	Status of the Compliance with conditions stipulated by the Central Zoo Authority	36
29.	List of free living wild animals within the zoo premises	37

## **1. Report of the Director (2020-21)**

Marble Palace Zoo is the oldest Zoo in India established in the year 1854. 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.

As due to COVID-19 (Corona) all the institutions were closed and a total 'Lock Down' throughout India had been declared by Govt. of India from 23<sup>rd</sup> March'2020, our Zoo was also totally closed to Visitors.

Due to closure and 'Lock Down' and severe effect of Covid – 19 all the markets were closed. The food suppliers were also in great difficulty to supply different food to Zoo. Particularly the raw & like fish etc. were not available.

We had to capture fish from the pond inside the Zoo complex to feed to birds/ animals for first few days.

Anyhow, the situation changed after few days, we procured fruits, fish, milk etc. from outside.

As most of the workers stay inside the zoo complex in separate Staff Quarters, So, the paucity of workers were not that much felt.

It was a terrible time from April '20 to Jun'20. After that some relaxations were made, but the Zoo was closed totally to Visitors.

But with the great surprises, the Birds and Animals were fine and healthy, may be they were peaceful without Visitors disturbances.

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 - 24<sup>th</sup> June 1819***

***Died - 19<sup>th</sup> April 1887***

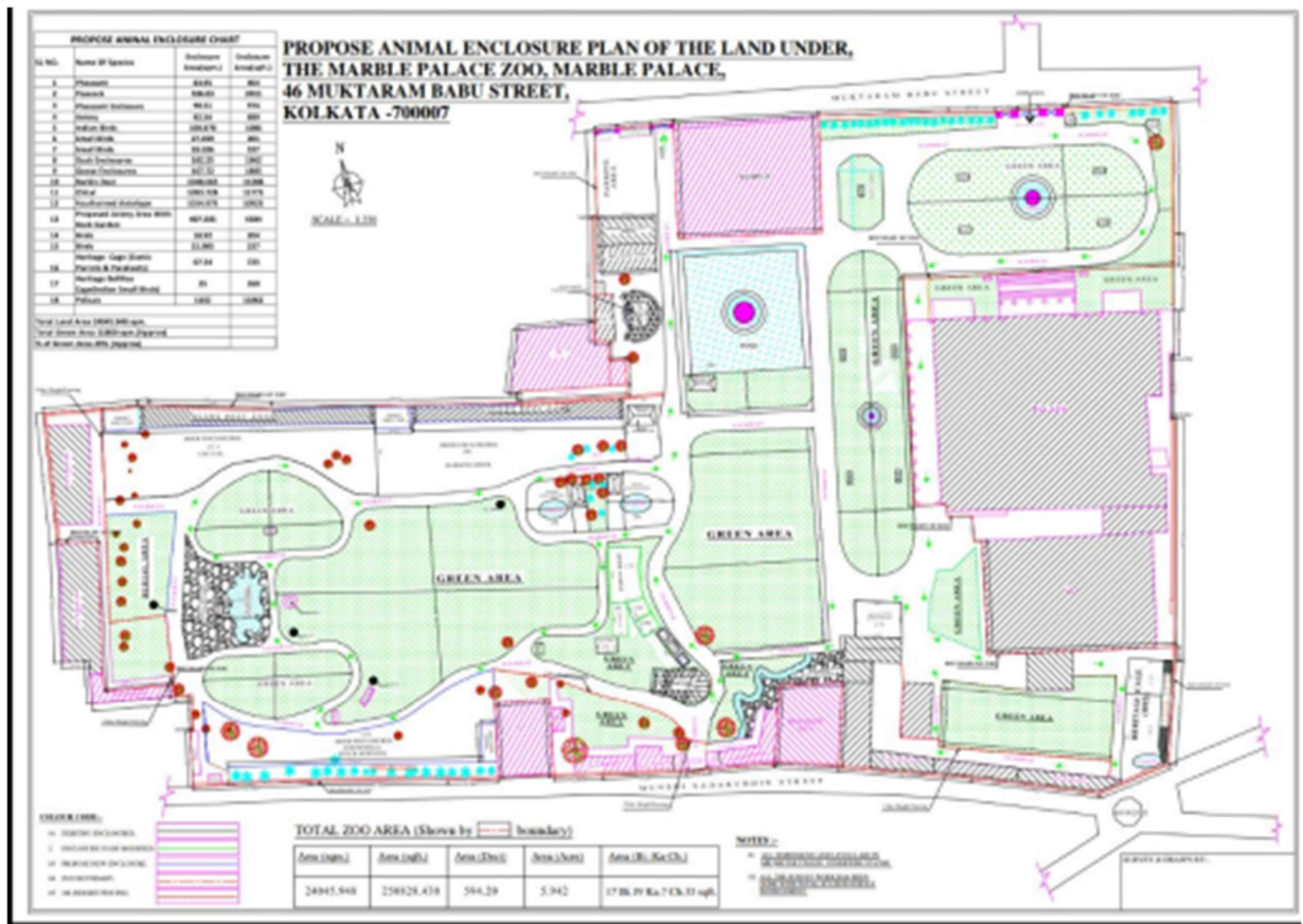


*The Zoo Premises*

# Area Survey - Lay Out of the Zoo

The area layout of the Zoo has been done and finalized in accordance to the Central Zoo Authority. Conditions and criteria have been taken into consideration and the plan has been made by our eminent architect.

The plan has already been sent to the Central Zoo Authority for further clarification.

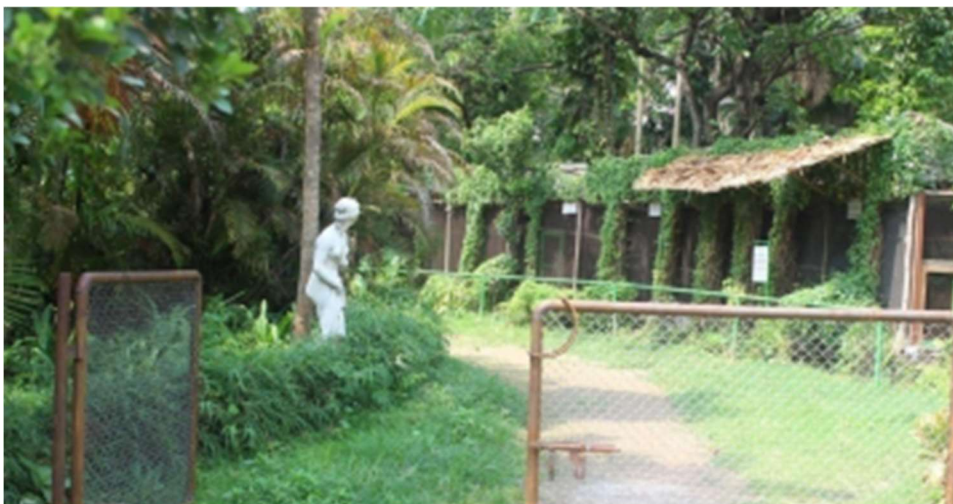


Area of Marble Palace Zoo

## 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  
Season – October to March – All day except Monday.  
Other times – April to September (Monday & Thursday closed)
- Entry Fee- Absolutely Free. Visitors to report at the gate (Entrance).
- Contact-9830058160

[marblepalacezoocalcutta@gmail.com](mailto: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.

As the Trust Estate of Raja Rajendro Mullick Bahadur & Sri Sri Jagannath Jew is conducting all the expenditures of the Zoo, Museum, Temple, daily feeding of 300 people and many philanthropic activities, no separate Zoo Account could be maintained.

In this regard we like to mention that there is no entry charge or any charge from the visitors, who visit both the Zoo and the Museum (Art Gallery) Palace.

Anyhow we are producing an approximate expenditure list & the accounts as much as we can separate from the General Expenditures.

## **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.

But this year, being totally closed and under 'Lock Down', no new Enclosures could be made.

## **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 2019-20.

## **Visit of Educational Institutions**

This year, no students programme could be held due to 'Lock Down'.

All the schools and colleges were closed due to Lock Down for COVID – 19.



***The arial view showing the Palace at the Left side and the Zoo Area in the front and Right 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 2019 and early part of 2020.

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

But due to that Lock down, the closure programme of Bicentenary of the Founder Raja Rajendro Mullick could not be held.

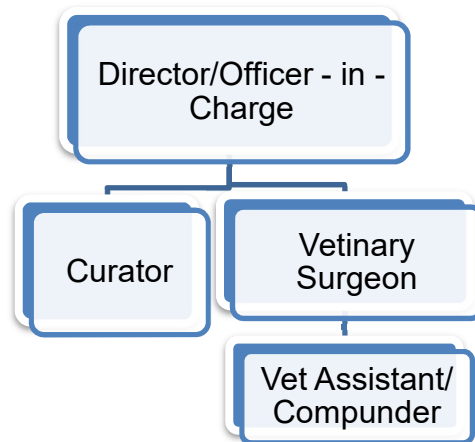
It has been decided that the closure and thanks giving programme could be held after everything becomes normal.

<b>Basic Information about the Zoo</b>			
1	Name of the Zoo	<b>Marble Palace Zoo Kolkata</b>	
2	Year of Establishment	<b>1854</b>	
3	Address of the Zoo	<b>46,Muktaram Babu Street Kolkata - 700007</b>	
4	State	<b>West Bengal</b>	
5	Telephone Number	<b>03322699542</b>	
6	Fax Number	<b>-</b>	
7	E-mail address	<b>marblepalacezoocalcutta@gmail.com</b>	
8	Website	<b>-</b>	
9	Distance from nearest	<b>Airport Airport:Kolkata Airport- NSC Bose International,Kolkata. About – 12 KM</b>	
		<b>Railway Station:Sealdah (2 km) and Howrah (3 km) &amp; Kolkata (3.5 km)</b>	
		<b>Bus Stand:Ram Mandir –100 meters Metro Station - 200 meters only (M. G. Road)</b>	
10	Recognition Valid upto	<b>2021</b>	
11	Category of zoo	<b>Mini Zoo.</b>	
12	Area (in Hectares)	<b>5 .942 Acres</b>	
13	Number of Visitors (Financial Year)	Adult : - Children :	<b>No visitors in this year due to 'Lock Down'</b>

		-	
14	Visitors' Facilities Available in Zoo	<b>1) Seating Places</b> <b>2) Rest Rooms/ Toilets</b> <b>3) First Aid</b> <b>4) Wheelchair with Assistant</b> <b>5) Drinking Water</b> <b>6) Eatery Kiosk at gate</b> <b>7) Playing lawn for children etc.</b>	
15	Weekly Closure Day of the Zoo	<b>Season-October to March- All day except Monday.</b> <b>Other times-April to September Monday and Thursday.</b>	
<b>Management Personnel of the zoo</b>			
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	Nil (could not attend)	
	Name of the Education Officer	Nil	
	Name of the Compounder/ Lab Assistant	Uttam Pal	

<b>Owner / Operator of the Zoo - Trust Estate Raja Rajendro Mullick Bahadur</b>		
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	<b>9830058160</b>
20	E-mail address of Operator	<b>tapendromullick@gmail.com</b>

### 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 Kumar Chowdhury
10	Security Guard	2	Sunil Ray
11	Security Guard	3	Sanjib Thakur.
12	Security Guard	4	Ramakanta Dash
13	Security Guard	5	Prem Kumar Thakur
14	Security Guard	6	Shyam Nandan Thakur
15	Security Guard	7	Sanjoy De
16	Security Guard	8	Sushanta Dey
17	Security Guard	9	Narendra Shah
18	Food Processor	1	Rathikanta Dash
19	Cage Repairer	1	Robin Hazra.
20	Cage Repairer (Asst.)	2	Ravi Kumar Das.

<u>Sl No.</u>	<u>Designation</u>	<u>Number of Sanctioned Pots</u>	<u>Name of the incumbent</u>
21	Gardener	1	Chandra KantaDey.
22	Gardener	2	Sukumar Bhowmick.
23	Gardener	3	Alik Pal
24	Gardener	4	Chunu Soren
25	Gardener	5	Chandan Jena
26	Gardener	6	Pran Krishna Maity
27	Gardener	7	Bijoy Dey
28	Gardener	8	Purno Chandra Paul
29	Gardener	9	Asit Paul
30	Gardener	10	Dilip Das
31	Supervisor cum daily record keeper	1	Totan Barik
32	Asst. Clerk	1	Biswapriya Mukherjee.

### 9. Capacity Building of zoo personnel

No programme could be held due to COVID-19.

### 10. Zoo Advisory Committee –

Dr.Brij Kishore Gupta PhD, continues to be our honorary chief advisor of the Zoo Advisory Committee.

### 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.

### MARBLE PALACE ZOO

Under

### Trust Estate Raja Rajendro Mullick Bahadur

### Sri Sri Jagannath Jew

### Expenses for (Zoo & Zoological Garden) Maintenance for the year 2020-21:-

<u>Particulars</u>	<u>Amount (Rs.)</u>
Salary of Zoo & Garden Staff	43,30,171
Salary for Security Staff	19,62,275
Electrical Charges	1,39,248
Repair, Maintenance & New Enclosures	17,22,739
Monthly Pension	2,500
Printing, Stationery & Postage	10,756
Medical Expenses	20,668
Accountancy & Taxation	81,200
Professional Tax (Enrol Fees)	900
Rates & Taxes (Corporation & Govt.)	26,424
Bank Charges	2,302
Menagerie (Food, Cereals, Brans, Green vegetables, fruits, fishes etc.)	5,41,048
Charity & Donations to Ex- Staffs	7,660
Contribution to EPFO	7,13,112
Contribution to ESIC	1,32,284
Staff Welfare (Uniform, Etc.)	1,52,902
<b>TOTAL</b>	<b><u>98,46,189</u></b>

### 13. Daily feed Schedule of animals

#### Daily per animal

<b>1. SPOTTED DEER</b>		<b>KGS</b>
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	
<b>2. BARKING DEER</b>		
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		
<b><u>DAILY PER ANIMAL</u></b>		
<b>3. FOUR HORNED ANTELOPE</b>		<b>KGS</b>
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

<b>4. RHESOUS MONKEY / STUMPED TAILED MONKEY</b>	<b>KGS</b>	
Sweet Fruits (Orange/ Banana/ Apple/ Guava/ Grapes)		0.200
Watermelon (Seasonal)		
Bread / Boiled rice with milk	0.150	
Sweet/ Potatoes/ Carrots/ bean/ barbata	0.400	

<b>5. GIANT SQUIRREL</b>		
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

<b>6. PELICAN</b>	<b>KGS</b>	
Fish (Live)	1.000	

<b>7. HILL MYNAH</b>		
Sweet Fruits (Grapes/oranges/banana/papaya)	0.100	
Bread with Milk 0.150 Mineral gram (Chattu)	0.050	

<b>8. PHEASANTS / FOWLS</b>		
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		

<b>09. COCKATOO / LARGE PARROTS</b>	<b>KGS</b>	
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	

<b>10. HORNBILL</b>		
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	

<b>11. CRANES</b>	<b>KGS</b>
Soaked Paddy	0.200
Bengal Gram & Indian Corn- soaked	0.500
Bazra (Millet)	0.100
<b>12. STORKS</b>	
Live Fish	0.500
<b>13. PARROTS/PARAKEETS</b>	
Ground nut	0.020
Sugar Cane/Gram/Green Indian Corn	0.050
Sugarcane/Sunflower- Kusum Seeds/Millet	0.100
<b>14. PORCUPINE</b>	
Fruits (Banana/Mango/Apples/Guava)	0.250
Rice	0.100
Soaked Gram	0.100
Ground Nut	0.050
Green Vegetable (Cabbage Pumplien, Sweet Potato)	0.250
<b>15. DUCKS &amp; GOOSE</b>	
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

No New Enclosures.

## 19. Education and Awareness programmes during the year

No programme could be held due to COVID-19.

## **20. Important Events and happenings**

No important Events, as Zoo was totally closed due to COVID-19 (Lock Down).

## **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**

Due to Lock Down (COVID-19) no publication could be made

## **23. Conservation Breeding Programme of the Zoo : -**

**a) Four Horned Antelope.**

**b) Giant squirrel**

**c) Pied Hornbill**

**d) Mutation of Alexandrine Parakeets (Lutino)**

**e) Mutation of Indian Ring Neck Parakeets.**

## **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 01.04.2020				During the Year									Stock As on 31.03.2021						
						Births			Acquisition			Disposals							Deaths		
		M	F	U	T	M:	F:	U	M	F	U	M	F	U	M	F	U	T			
	<b>BIRDS :</b>																				
01.	HORNBILL COMMON GREY (Tockus birostris)	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
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	1	0	0	0	0	0	0
04.	PEAFOWL (Pavo Cristatus)	2	5	0	7	0	0	0	0	0	0	0	0	0	0	1	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
	<b>TOTAL BIRDS</b>	<b>12</b>	<b>15</b>	<b>0</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>11</b>	<b>14</b>	<b>0</b>	<b>25</b>	

M = Male

F = Female

U = Unsex/Young

T = Total

Sl. No.	Species	Stock as on 01.04.2020				During the Year									Stock As on 31.03.2021						
						Births			Acquisition			Disposals							Deaths		
		M	F	U	T	M:	F:	U	M	F	U	M	F	U	M	F	U	T			
	<b><u>MAMMALS :</u></b>																				
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.	MACAQUE RHESUS (Macaca mulatta)	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
11.	MACAQUE STUMP TAILED (Macaca speciosa)	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
12.	PORCUPINE BENGAL (Atherurus mecrouurus assamensis)	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3
13.	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
	<b>TOTAL MAMMALS</b>	<b>4</b>	<b>7</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>7</b>	<b>0</b>	<b>10</b>
	<b>TOTAL ANIMALS</b>	<b>16</b>	<b>22</b>	<b>0</b>	<b>38</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>14</b>	<b>21</b>	<b>0</b>	<b>35</b>

M = Male

F = Female

U = Unsex/Young

T = Total

Sl. No.	Species	Stock as on 01.04.2020				During the Year												Stock As on 31.03.2021							
						Births			Acquisition			Disposals			Deaths										
		M	F	U	T	M:	F:	U	:	:	U	:	:	U	:	:	U	M	F	U	T				
<b><u>BIRDS :</u></b>																									
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 (Kokatoe sulphurea)	1	1	0	2	0	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	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	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	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	1	0	0	0	0	0	0	0
07.	DUCK BRAHMINY RUDDY SHEL (Tadorna Ferruginea)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1
08.	DUCK COMB (Sarkidiornis melanotos)	1	1	0	2	0	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	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	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	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	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	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	0	1	1	0	2

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

Sl. No.	Species	Stock as on 01.04.2020				During the Year												Stock As on 31.03.2021						
						Births			Acquisition			Disposals			Deaths									
		M	F	U	T	M:	F:	U	M	F	U	M	F	U	M	F:	U	M	F	U	T			
<b>BIRDS :</b>																								
15.	IBIS BLACK (Pseudibis papillosa)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
16.	IBIS WHITE (Threskiornis acthiopica)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
17.	MACAW RED & GREEN	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
18.	MAGPIE BLUE (Cissa)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
19.	MYNA HILL (Gracula religiosa)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
20.	PARAKEET QUECKER	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
21.	PARAKEET ALEXANDRINE (Psittacula eupatria)	6	6	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	0	12
21A.	PARAKEET ALEXANDRINE (Psittacula eupatria) (Mutated to Lutino)	1	2	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	4
22.	PARAKEET LUTINO RING NECK	3	3	0	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	0	7
23.	PARAKEET BLUE RING (Psittacula)	2	2	0	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	5
24.	PARAKEET MOUSTACHED (Psittacula fasciatus)	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
25.	PARAKEET PLUM HEADED LITTLE (Psittacula eyanocephola cyanocephola)	3	4	0	7	0	0	0	0	0	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 01.04.2020				During the Year												Stock As on 31.03.2021				
						Births			Acquisition			Disposals			Deaths							
		M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	T				
<b><u>BIRDS :</u></b>																						
26.	PARAKEET RED RUMPED	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	
27.	PARAKEET ROSE RING (Psittacula Krameri)	10	16	0	26	0	0	0	0	0	0	0	0	0	0	0	0	09	15	0	24	
28.	PARAKEET WHITE RING NECK (Match with white gen. Brd. female)	4	4	0	8	0	0	1	0	0	0	0	0	0	0	0	0	0	4	4	0	8
29.	SLATY HEADED PARAKEET	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
30.	PARROTS GREY (Psittacus erithacus)	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3
31.	TIMENE GREY (Psittacus erithacus)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
32.	PARTRIDGE BLACK (Fra- ncolinus francolinus)	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
33.	PELICAN ROSY/WHITE (Pelecanus onocrotalus)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
34.	PARTRIDGE GREY (Francolinus pondicerianus)	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
35.	PHEASANT GOLDEN (Chrysolophus pictus)	2	2	0	4	1	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 01.04.2020				During the Year								Stock as on 31.03.2021								
		M	F	U	T	Births			Acquisitions			Disposals			Deaths		M	F	U	T		
		M:	F:	U		M:	F:	U	M:	F:	U	M:	F:	U	M:	F:	U		M:	F:	U	T
36.	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	
37.	PHEASANT REEVES (Symaticus Reevesi)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	
38.	PHEASANT SILVER (Loph uranythemera)	3	2	0	5	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	5	
39.	POCHARD COMMON BLACK (Anas clyupoata)	1	1	2	4	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4	
40.	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	
<b>TOTAL BIRDS</b>		<b>68</b>	<b>77</b>	<b>3</b>	<b>148</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>65</b>	<b>79</b>	<b>3</b>	<b>147</b>	

M = Male

F = Female

U = Unsex/ Young

T = Total

Sl. No.	Species	Stock as on 01.04.2020				During the Year												Stock As on 31.03.2021						
						Births			Acquisition			Disposals			Deaths									
		M	F	U	T	M:	F:	U	M	F	U	M	F	U	M	F	U	M	F	U	T			
	<b>MAMMALS :</b>																							
41.	DEER BARKING MUNTJAC (Kakar) (Muntiacus muntjak)	5	3	0	8	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4	3	0	7
42.	DEER SPOTTED (CHITAL) (Axis axis)	3	7	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	0	10
	<b>TOTAL MAMMALS</b>	<b>8</b>	<b>10</b>	<b>0</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>10</b>	<b>0</b>	<b>17</b>
	<b>REPTILES :</b>																							
43.	TORTOISE INDIAN STAR (Geochelone elegans)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
	<b>TOTAL REPTILES</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>
	<b>TOTAL ANIMALS</b>	<b>77</b>	<b>88</b>	<b>3</b>	<b>168</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>73</b>	<b>90</b>	<b>3</b>	<b>166</b>	

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.	Hornbill Malabar Pied	Antracoceros coronatus	Male	04-03-2021	Old age inactivity and other old age diseases
2.	Peafowl	Pavo coronatus	Female	04-05-2020	Egg bound & respiratory distress
3.	Macaque stump Tailed	Macaca speciosa	Male	17-12-2020	Old Age cold & fever
4.	Crow White	Corvus splendens	Male	08-11-2020	Old Age / Muscle wasting syndrome
5.	Duck Brahminy Ruddy Shel	Tadorna ferruginea	Male	12-04-2020	Wing bone fractured in an old Duck
6.	Parakeet Rose Ring – 1 Parakeet Rose Ring - 2	Psittacula krameri Psittacula krameri	Male-1 Female-2	19-07-2020 13-08-2020	Diarrhoea may be from accumulate Rain water Diarrhoea may be from accumulate Rain water
7.	Parakeet White Ring Neck	Psittacula krameria white neck alba	Unsex	14-04-2020	Young bird fell from Nest Box
8.	Pheasant Golden	Chrysolophus pictus	Male	10-10-2020	Muscle wasting and inactivity due to Old Age
9.	Deer Braking	Munticacus muntjak	Male	15-05-2020	Fighting and wound magottad at Hamstring region

## 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.