

Marble Palace Zoo

Kolkata

Annual Report 2021-22



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1. Report of the Director (2021-22)

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 23rd March'2020, our Zoo was also totally closed to Visitors.

More problems has arisen due to "Amphan Cyclone" during this period. Many trees were uprooted and we could not open our Zoo also. Anyhow the Zoo animals were safe.

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

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.

Though we started operation of Zoo for the visitors during this period, again due to "Omicron Variety " of Covid, we had to close again.

So, the year 2021-22 was not good for the Zoo.



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

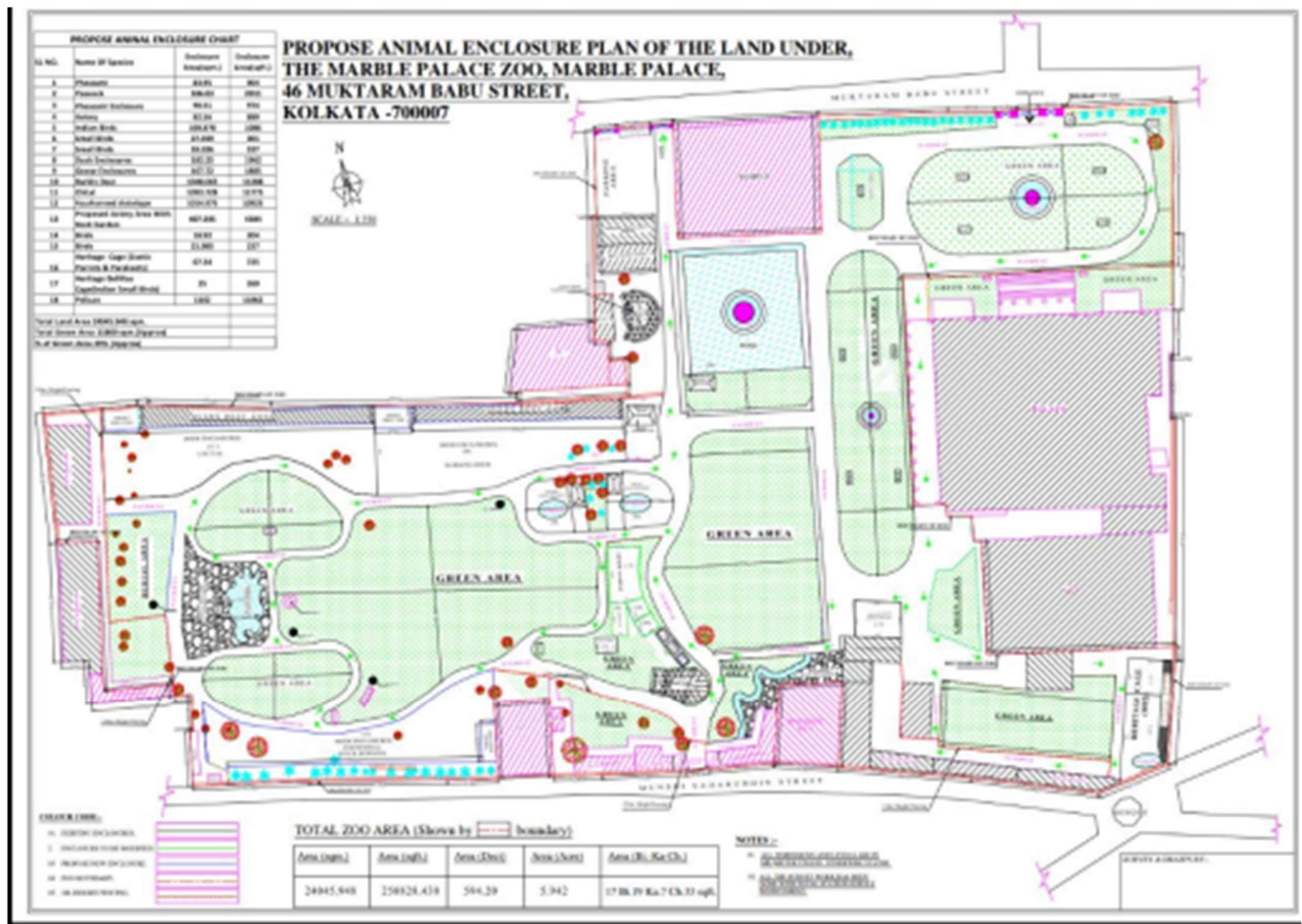


The Zoo Premises

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.

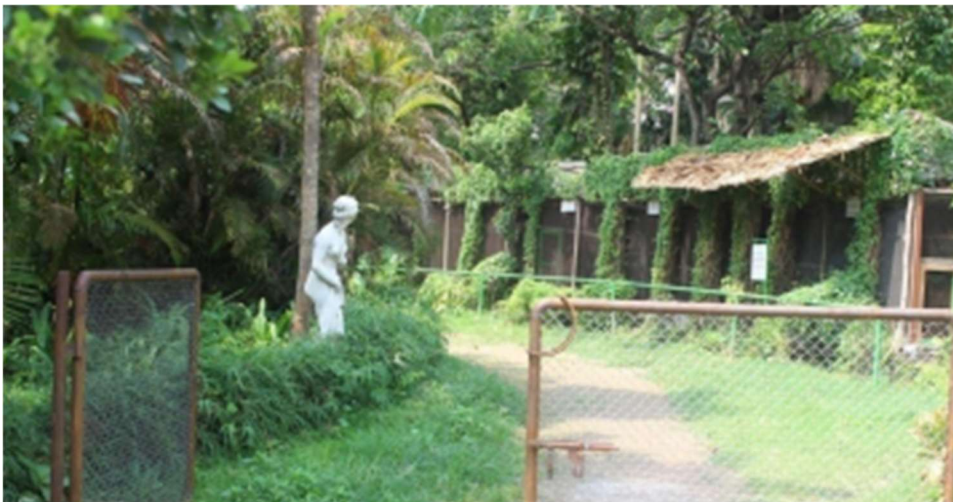


Area of Marble Palace Zoo

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



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.

A new enclosure of 'Malabar Pied Hornbill' has been made and a big tree trunk has been kept inside for nesting.



New Enclosure for Malabar Pied Hornbill

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, Spotted Deer & Muntjac (Barking Deer) and some other animals and birds born during 2021-22.

Some exotic birds like parakeets etc. were born during this period also.

Visit of Educational Institutions

This year a very few programmes could be held due to 'Partial Lock Down'.

All the schools and colleges were closed due to Lock Down for COVID – 19, so school & College students programme could not be held.



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.

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.

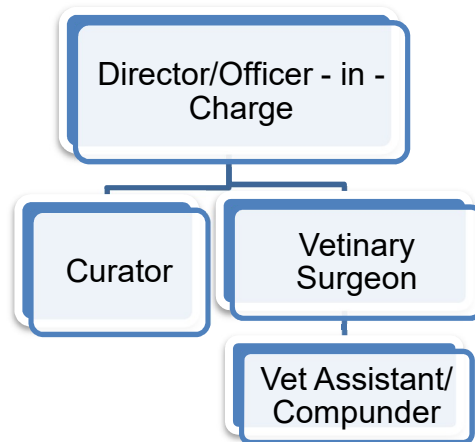
We are just waiting for the good days as we enjoyed our Zoo with full of visitors like Pre-Covid days.

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: Kolkata Airport- NSC Bose International, Kolkata. About – 12 KM	
		Railway Station: Sealdah (2 km) and Howrah (3 km) & Kolkata (3.5 km)	
		Bus Stand: Ram Mandir –100 meters Metro Station - 200 meters only (M. G. Road)	
10	Recognition Valid upto	2021	
11	Category of zoo	Mini Zoo.	
12	Area (in Hectares)	5 .942 Acres	
13	Number of Visitors (Financial Year)	Adult : -	No visitors in this year due to 'Lock Down'
		Children :	

		-	
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. Biswa Kumar Saha	
	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	

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. Biswa Kumar Saha
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	Mohan Bhuyan
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	Alik Pal
23	Gardener	3	Chunu Soren
24	Gardener	4	Chandan Jena
25	Gardener	5	Pran Krishna Maity
26	Gardener	6	Bijoy Dey
27	Gardener	7	Purno Chandra Paul
28	Gardener	8	Asit Paul
29	Gardener	9	Dilip Das
30	Supervisor cum daily record keeper	1	Totan Barik
31	Asst. Clerk for Computer Recording	1	This post is vacant due to untimely death of 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 2021-22:-

<u>Particulars</u>	<u>Amount (Rs.)</u>
Salary of Zoo & Garden Staff	43,55,399
Salary for Security Staff	21,19,842
Electrical Charges	1,35,578
Repair, Maintenance & New Enclosures	19,66,305
Monthly Pension	1,200
Printing, Stationery & Postage	10,814
Motor & Travelling	27,603
Medical Expenses	67,160
Telephone Charges	1,362
Accountancy & Taxation	1,40,400
Professional Tax (Enrol Fees)	900
Rates & Taxes (Corporation & Govt.)	21,148
Bank Charges	4,358
Menagerie (Food, Cereals, Brans, Green vegetables, fruits, fishes etc.)	4,87,677
Charity & Donations to Ex- Staffs	19,635
Contribution to EPFO	5,49,488
Contribution to ESIC	1,19,329
Staff Welfare (Uniform, Etc.)	81,139
TOTAL	<u>1,01,09,337</u>

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. RHESOUS MONKEY / STUMPED TAILED MONKEY	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. 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		
6. PELICAN	KGS	
Fish (Live)	1.000	
7. HILL MYNAH		
Sweet Fruits (Grapes/oranges/banana/papaya)	0.100	
Bread with Milk 0.150 Mineral gram (Chattu)	0.050	
8. PHEASANTS / 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		
09. 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	
10. 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	

11. CRANES	KGS
Soaked Paddy	0.200
Bengal Gram & Indian Corn- soaked	0.500
Bazra (Millet)	0.100
12. STORKS	
Live Fish	0.500
13. PARROTS/PARAKEETS	
Ground nut	0.020
Sugar Cane/Gram/Green Indian Corn	0.050
Sugarcane/Sunflower- Kusum Seeds/Millet	0.100
14. PORCUPINE	
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
15. 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

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 01.04.2021				During the Year									Stock As on 31.03.2022													
						Births			Acquisition			Disposals							Deaths									
		M	F	U	T	M:	F:	U	M	F	U	M	F	U	M	F:	U	M	F	U	T							
BIRDS :																												
01.	HORNBILL COMMON GREY (Tockus birostris)	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3				
02.	HORNBILL INDIAN PIED (Anthracoceros malabaricus)	2	3	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	4	
03.	HORNBILL MALABAR PIED (Anthracoceros coronatus)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
04.	PEAFOWL (Pavo Cristatus)	2	4	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3	0	5	
05.	PEAFOWL WHITE (Pavo Cristatus)	1	1	0	2	0	0	0	0	0	0	0	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	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	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	0	0	0	0	1	0	2	1	0	3	
TOTAL BIRDS		11	14	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	10	11	0	21	

M = Male

F = Female

U = Unsex/Young

T = Total

Sl. No.	Species	Stock as on 01.04.2021				During the Year									Stock As on 31.03.2022						
						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	1	0	1	1	0	2
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)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.	PORCUPINE BENGAL (Atherurus mecrourus 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	1	0	1	1	0	2
	TOTAL MAMMALS	3	7	0	10	0	0	0	0	0	0	0	0	0	0	2	0	3	5	0	8
	TOTAL ANIMALS	14	21	0	35	0	0	0	0	0	0	0	0	0	1	5	0	13	16	0	29

M = Male

F = Female

U = Unsex/Young

T = Total

Sl. No.	Species	Stock as on 01.04.2021				During the Year												Stock As on 31.03.2022							
						Births			Acquisition			Disposals			Deaths										
		M	F	U	T	M:	F:	U	:	:	U	M	F	U	:	:	U	M	F	U	T				
<u>BIRDS :</u>																									
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)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07.	DUCK BRAHMINY RUDDY SHEL (Tadorna Ferruginea)	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	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 01.04.2021				During the Year												Stock As on 31.03.2022						
						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>																								
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	1	2	0	5	4	0	9
21A.	PARAKEET ALEXANDRINE (Psittacula eupatria) (Mutated to Lutino)	1	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	4
22.	PARAKEET LUTINO RING NECK	3	4	0	7	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
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 cyanocephola cyanocephola)	3	4	0	7	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	3	0	6

M = Male

F = Female

U = Unsex/Young

T = Total

Sl. No.	Species	Stock as on 01.04.2021				During the Year												Stock As on 31.03.2022						
						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>																								
26.	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
27.	PARAKEET ROSE RING (Psittacula Krameri)	9	15	0	24	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	8	14	0	22
28.	PARAKEET WHITE RING NECK (Match with white gen. Brd. female)	4	5	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	0	9
29.	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
30.	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
31.	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
32.	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
33.	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
34.	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
35.	PHEASANT GOLDEN (Chrysolophus pictus)	3	2	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	5

M = Male

F = Female

U = Unsex/ Young

T= Total

SI No.	Spices	Stock as on 01.04.2021				During the Year								Stock as on 31.03.2022										
		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	T			
36.	PHEASANT LADY AMHEREET (Chrysolophus Amherstiae)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
37.	PHEASANT REEVES (Symaticus Reevesi)	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
38.	PHEASANT SILVER (Loph uranythemera)	3	2	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5		
39.	POCHARD COMMON BLACK (Anas clyupoata)	1	1	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		
40.	STORK WHITE NECK (Cieonia episcopus)	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
TOTAL BIRDS		66	79	3	148	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	64	75	3	142

M = Male

F = Female

U = Unsex/ Young

T = Total

Sl. No.	Species	Stock as on 01.04.2021				During the Year												Stock As on 31.03.2022						
						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 :																							
41.	DEER BARKING MUNTJAC (Kakar) (Muntiacus muntjak)	4	3	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	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
	TOTAL MAMMALS	7	10	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	10	0	17
	REPTILES :																							
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
	TOTAL REPTILES	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
	TOTAL ANIMALS	74	90	3	167	0	0	0	0	0	0	0	0	0	0	0	2	4	0	72	86	3	161	

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 Common Grey	Trochus bitorquatus	Male	20-12-2021	Running water from mouth in an old aged Hornbill
2.	Hornbill Indian Pied (Malabar Pied)	Anthracoceros coronatus	Female	18-01-2022	Old Age/ Muscle wasting syndrome
3.	Peafowl	Pavo cristatus	Female	15-06-2021	Old Age
4.	Pheasant Nepal Kaliz	Lophura leucomelanos	Female	06-01-2022	Cold and Bacterial infection
5.	Antelope Four Horned- Chowsingha	Tetracerus quadricornis	Female	15-05-2021	Polythene impacted at stomach
6.	Squirrel Giant Malabar/Indian	Rutufa indica	Female	08-08-2021	Old Age & Muscle wasting syndrome
7.	Parakeet Alexandrine	Psittacula eupatria	Male	17-12-2021	Cold and Diarrhoea
	Parakeet Alexandrine	Psittacula eupatria	Female	18-12-2021	Cold and Diarrhoea
	Parakeet Alexandrine	Psittacula eupatria	Female	07-09-2021	Old age
8.	Parakeet Plum Headed	Psittacula eyanocephala	Female	13-04-2021	Egg bound

9.	Parakeet Rose Ring	Psittacula krameri	Male	29-01-2022	Fighting injury
	Parakeet Rose Ring	Psittacula krameri	Female	19-11-2021	Old age due to inactivity due to old age

28.Compliance with conditions stipulated by the Central Zoo Authorit

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. Cormorants
13. Copper Smiths
14. Red Vested Bulbul.
15. Shah Bulbul
16. Drongo
17. Fly Catchers
18. Bengal Finches
19. Kingfishers.